

Sale FG-341-2025-W01020-01

District: Forest Grove Date: May 29, 2024

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$1,942,246.65	\$0.00	\$1,942,246.65
		Project Work:	(\$219,373.00)
		Advertised Value:	\$1,722,873.65



Sale FG-341-2025-W01020-01

District: Forest Grove Date: May 29, 2024

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	26	0	98
Western Hemlock / Fir	16	0	98
Red Cedar	15	0	98

Volume by Grade	2\$	3S & 4S 6"- 11"	3S	4 S	Total
Douglas - Fir	3,403	492	0	0	3,895
Western Hemlock / Fir	58	22	0	0	80
Red Cedar	30	0	41	4	75
Total	3,491	514	41	4	4,050

Comments: LOCAL POND VALUES, APRIL 2024

RED ALDER AND OTHER HARDWOODS:

STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST

\$206.09 = \$497.00 - \$290.91

NOBLE FIR AND OTHER CONIFERS:

STUMPAGE PRICE = POND VALUE - WESTERN HEMLOCK LOGGING COST

\$212.34 = \$543.62 - \$331.28

BRANDING AND PAINTING ALLOWANCE = \$2.00/MBF

FUEL COST ALLOWANCE = \$5.00/GAL

HAULING COST ALLOWANCE = \$1,250/DAY

OTHER COSTS (WITH PROFIT & RISK ADDED):

None

OTHER COSTS (NO PROFIT & RISK ADDED):

EQUIPMENT CLEANING: 3 PIECES @ \$1,000/PIECE = \$3,000

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS:

20 HOURS X \$200/HOUR = \$4,000

MACHINE TIME TO PILE LANDING SLASH:

28 HOURS X \$200/HOUR = \$5,600

TOTAL OTHER COSTS (NO P&R) = \$12,600

SLASH TREATMENT: 28 ACRES X \$250/ACRE = \$7,000

ROAD MAINTENANCE (INCLUDES SPOT ROCKING, GRADING, & ROLLING):

MOVE IN: \$4,888.99

GENERAL ROAD MAINT: 11.59 miles X \$2,516.24 = \$29,163.22 TOTAL ROAD MAINTENANCE: \$34,052.21 / 4,050 MBF = \$8.40/MBF



Sale FG-341-2025-W01020-01

District: Forest Grove Date: May 29, 2024

Logging Conditions

Combination#: 1 Douglas - Fir 64.12%

Western Hemlock / Fir 60.38% Red Cedar 66.00%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Harvester Head Delimbing

yarding distance: Medium (800 ft) downhill yarding: No

tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 17 bd. ft / load: 4600

cost / mbf: \$102.02

machines: Log Loader (A)

Forwarder Harvester

Tower Yarder (Medium)

Combination#: 2 Douglas - Fir 35.88%

Western Hemlock / Fir 39.62% Red Cedar 34.00%

Logging System: Shovel Process: Manual Falling/Delimbing

yarding distance: Short (400 ft) downhill yarding: No

tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 20.5 bd. ft / load: 4600

cost / mbf: \$106.05machines: Shovel Logger



Sale FG-341-2025-W01020-01

District: Forest Grove Date: May 29, 2024

Logging Costs

Operating Seasons: 2.00

Profit Risk: 15%

Project Costs: \$219,373.00

Other Costs (P/R): \$0.00

Slash Disposal: \$7,000.00

Other Costs: \$12,600.00

Miles of Road

Road Maintenance:

\$8.40

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

Hauling Costs

Species	\$/MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	2.0	4.8
Western Hemlock / Fir	\$0.00	2.0	3.8
Red Cedar	\$0.00	1.0	3.8



Sale FG-341-2025-W01020-01

District: Forest Grove Date: May 29, 2024

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total	
Douglas -	Douglas - Fir									
\$103.47	\$8.57	\$2.17	\$132.81	\$0.00	\$37.05	\$1.73	\$2.00	\$3.11	\$290.91	
Western H	emlock .	/ Fir								
\$103.62	\$8.57	\$2.17	\$167.76	\$0.00	\$42.32	\$1.73	\$2.00	\$3.11	\$331.28	
Red Cedar	•									
\$103.39	\$8.57	\$2.17	\$335.53	\$0.00	\$67.45	\$1.73	\$2.00	\$3.11	\$523.95	

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$770.82	\$479.91	\$0.00
Western Hemlock / Fir	\$0.00	\$543.62	\$212.34	\$0.00
Red Cedar	\$0.00	\$1,270.75	\$746.80	\$0.00



Sale FG-341-2025-W01020-01

District: Forest Grove Date: May 29, 2024

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00
Red Cedar	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	3,895	\$479.91	\$1,869,249.45
Western Hemlock / Fir	80	\$212.34	\$16,987.20
Red Cedar	75	\$746.80	\$56,010.00

Gross Timber Sale Value

Recovery: \$1,942,246.65

Prepared By: Adrian Torres Phone: 503-359-7460

TIMBER SALE SUMMARY Run Duo #FG-341-2025-W01020-01

- 1. <u>Location</u>: Portions of Sections 12, 13, 14, 23, & 24, T4N, R6W, W.M., Clatsop County, Oregon.
- 2. <u>Type of Sale</u>: This timber sale is 91 net acres of Modified Clearcut and 1 acre of Right-of-Way Timber removal. The timber will be sold on a recovery basis at a sealed bid auction.
- **3.** Revenue Distribution: 100% BOF; 100% Clatsop County
- **4.** <u>Sale Acreage</u>: Acres are net of Stream Buffers, Green Tree Retention Areas, and road prisms. Acreage was determined using ESRI ArcMap GIS Pro software.
- **5.** <u>Cruise</u>: The Timber Sale was cruised by ODF timber cruisers in April of 2024. For more information, see Cruise Report.
- **6.** <u>Timber Description</u>: The Timber Sale Area consists of a well-stocked, 83 year-old stand of Douglas-fir with minor components of western hemlock, western redcedar and red alder. This timber stand has an average of 167 ft² of basal area and an average Douglas-fir DBH of 26 inches. The estimated average net Douglas-fir volume is approximately 42.5 MBF per acre.
- 7. <u>Topography and Logging Method</u>: Slopes within the Timber Sale Area range from 5% to 80% with variable aspects. Unit 1 is 66% ground-based yarding and 34% cable yarding. Unit 2 is 56% ground-based yarding and 44% cable yarding. The average horizontal skid trail length is 200 feet and the maximum is approximately 590 feet. The average cable yarding road length is 370 feet and the maximum is approximately 1,000 feet.
- 8. Access: Access to the Timber Sale Area is on surfaced roads. From Forest Grove, travel north on Highway 47 through Banks then merge onto Highway 26 westbound and continue for approximately 14.3 miles to North Fork Wolf Creek Road and turn right. Continue for 4.5 miles to McGregor Road and turn right. Continue for 1.5 miles to Olson Road. To access Unit 1, turn left on Olson Road. Continue for 0.3 miles to Unit 1. To access Unit 2, continue on McGregor Road from the Olson Road intersection for 1.4 miles and turn left on a unnamed spur. Continue for 0.2 miles to Unit 2.

9. Projects:

Project No. 1: Rocked Road Construction \$73,364.02
Project No. 2: Road Improvement, Rock Replacement, & Maintenance \$136,916.20
Project No. 3: Road Vacating \$9,092.78

Total Credit for all Projects \$219,373.00

PROJECT COST SUMMARY SHEET

Timber Sale: Run Duo FG-341-2025-W01020-01 Sale Number: PROJECT NO. 1: ROCKED ROAD CONSTRUCTION Road Segment Length Cost \$11,287.82 F to G 6+50 H to I 10+10 \$17,143.90 J to K \$35,098.06 21 + 50L to M 4+45 \$8,050.74 42+55 stations 0.81 miles Total Rock = 3,725 cy 4" - 0 \$1,783.50 Move-in =TOTAL PROJECT COST = \$73,364.02 PROJECT NO. 2: ROAD IMPROVEMENT, ROCK REPLACEMENT, & MAINTENANCE Road Segment Cost Length A to B \$16,291.28 406+30 C to D 64+00 \$43,461.01 E to F \$9,639.80 17+75 N to O 23 + 50\$18,850.98 P to Q \$19,555.29 15+05\$5,046.45 R to S 26 + 35T to U 8+30 \$448.98 V to W 21+35 \$20,293.94 582+60 stations 11.03 miles Total Rock = 144 cy 11/2" - 0 7,775 cy 4" - 0 12 cy Riprap \$3,328.47 Move-in = TOTAL PROJECT COST = \$136,916.20 PROJECT NO. 3: ROAD VACATING Road Segment Length Cost V1 to V2 \$8,871.73 17+80 17+80 stations 0.34 miles Move-in = \$221.05 TOTAL PROJECT COST = \$9,092.78 TOTAL CREDITS = \$219,373.00

Timber Sale:		Run Duo			Sale Number:	FG-341-2025	5 W01020 01
Road Segment:		A to B			Maintenance:	406+30	stations
Road Segment.		AIOB		_	Maintenance.	7.70	miles
PROJECT NO. 2: ROAD IMPROVEMENT, R	OCK REP	LACEMEN	IT, & MAIN	ITENANCE			
MAINTENANCE							
Clearing (scatter)	1.22	ac @	\$850.00	per acre =		\$1,037.00	
Grade, shape, & roll	406.30	sta @	\$35.45	per sta =		\$14,403.33	
					TOTAL IMPROVEME	NT COSTS =	\$15,440.33
EROSION CONTROL							
Grass seed & fertilizer	1.22	ac @	\$697.50	per	ac =	\$850.95	
				<u>TOT</u>	AL EROSION CONTR	OL COSTS =	\$850.95
							* • • • • • • • • • • • • • • • • • • •
					TOTAL PROJ	ECT COST =	\$16,291.28

	SUMI	MARY OF C	CONSTRUC	TION COST			
Timber Sale:	Run Duo				Sale Number:	FG-341-202	5-W01020-01
Road Segment:		C to D		<u>.</u>	mprovement:	64+00 1.21	stations miles
PROJECT NO. 2: ROAD IMPROVEMENT, R	OCK REI	PLACEMEI	NT, & MAIN	TENANCE			
IMPROVEMENT							
Clearing & grubbing (scatter)	0.74	ac @	\$1,597.05	per acre =		\$1,181.81	
Clean culvert inlet & outlet, scatter waste	2	ea @	\$27.50	per ea =		\$55.00	
Improve turnout	5	ea@	\$36.30	per ea =		\$181.50	
Construct roadside landing	3	ea@	\$181.50	per ea =		\$544.50	
Grade, ditch, & roll	64.00	sta @	\$35.45	per sta =		\$2,268.80	
				TOTAL IN	//PROVEMEN	NT COSTS =	\$4,231.61
CULVERTS							, ,
Culverts and Bands							
Markers & Stakes							
Culvert markers	1	ea @	\$12.00	per ea =		\$12.00	
Additional Installation Cost							
Repair culvert inlet at 35+05	0.5	hrs @	\$192.50	•		\$96.25	
ROCK				<u>TO</u>	TAL CULVER	RT COSTS =	\$108.25
NOCK .		1	ı	T			
	Rock	Base	Haul Cost		Total CV	Book Coot	
	Size	Cost \$/cy	\$/cy	Processing Cost \$/	cy Total CY	Rock Cost	
Surfacing rock		ļ		<u> </u>		ļI	
Surfacing rock (0+00 to 17+30)	4" - 0	\$0.99	\$8.69	\$1.35	536	\$5,912.08	
Surfacing rock (17+30 to 64+00)	4" - 0	\$0.99	\$8.69	\$1.35	2,475	\$27,299.25	
Junction (0+00 to 17+30)	4" - 0	\$0.99	\$8.69	\$1.35	36	\$397.08	
Junction (17+30 to 64+00)	4" - 0	\$0.99	\$8.69	\$1.35	48	\$529.44	
Turnout	4" - 0	\$0.99	\$8.69	\$1.35	120	\$1,323.60	
Roadside landing	4" - 0	\$0.99	\$8.69	\$1.35	285	\$3,143.55	
-		•		Subtota	al = 3,500	\$38,605.00	
			Tatala	All Deal		1	
			Totals	All Rock	3 = 3,500 - 0 3,500		
				4	- 0 3,300	ļ	
					TOTAL ROC	CK COSTS =	\$38,605.00
EROSION CONTROL							
Grass seed & fertilizer	0.74	ac @	\$697.50	per ac =		\$516.15	
				TOTAL EROSI	ON CONTRO	DL COSTS =	\$516.15
				<u>T(</u>	OTAL PROJE	ECT COST =	\$43,461.01
						_	

Timber Sale:	SUMMARY OF CONSTRUC Run Duo				Numbor	FG-341-2025	5 W01020 01
Road Segment:		E to F	'	_ Impr	17+75	stations	
Road Gegineria.		L 10 1		<u>. </u>	overnont.	0.34	miles
PROJECT NO. 2: ROAD IMPROVEMENT, R	OCK RE	PLACEME	NT, & MAIN	TENANCE			
IMPROVEMENT							
Clearing & grubbing (scatter)	0.21	ac @	\$1,100.00	per acre =		\$231.00	
Improve turnout	2	ea @	\$36.30	per ea =		\$72.60	
Grade, ditch, & roll (15+80)	0.60	sta @	\$35.45	per sta =		\$21.27	
Grade, ditch, & roll	17.75	sta @	\$35.45	per sta =		\$629.23	
				TOTAL IMPE	ROVEMEN	IT COSTS =	\$954.10
CULVERTS	_						
Culverts and Bands							
18" Diameter	30	If @	\$22.05	per If =		\$661.50	
Markers & Stakes							
Culvert markers	4	ea @	\$12.00	per ea =		\$48.00	
				<u>TOTAL</u>	_ CULVER	T COSTS =	\$709.50
ROCK	-					_	
	Rock	Base	Haul Cost	Placement/			
	Size		\$/cv		Total CY	Rock Cost	
	Size	Cost \$/cy	\$/Cy	Processing Cost \$/cy			
Subgrade rock		•				•	
Bedding and backfill	1½" - 0	\$13.62	\$18.70	\$0.55	24	\$788.88	
	_			Subtotal =	24	\$788.88	
Surfacing rock							
Surfacing rock (0+00 to 15+80)	4" - 0	\$0.99	\$8.61	\$1.35	490	\$5,365.50	
Surfacing rock (60 ft. Segment at 15+80)	4" - 0	\$0.99	\$8.61	\$1.35	19	\$208.05	
Surfacing rock (15+80 to 17+75)	4" - 0	\$0.99	\$8.61	\$1.35	82	\$897.90	
Junction	4" - 0	\$0.99	\$8.61	\$1.35	24	\$262.80	
Turnout	4" - 0	\$0.99	\$8.61	\$1.35	28	\$306.60	
				Subtotal =	643	\$7,040.85	
				h			
			Totals	All Rock =	667		
				1½" - 0			
				4" - 0	643		
				TC	TAL DOC	K COSTS =	\$7,829.73
				<u>1C</u>	TAL ROC	K COS13 =	\$1,029.13
EROSION CONTROL Grass seed & fertilizer	0.21	ac @	¢607.50	nor 00 –		¢146.47	
Siass seeu a ieiliilei	0.21	ac w	\$697.50	per ac =		\$146.47	
				TOTAL EROSION	CONTRO	DL COSTS =	\$146.47
						- <u>-</u>	
				TOTA	AL PROJE	CT COST =	\$9.639.80
				<u>1017</u>		=	\$3,000.00

Timber Sale:	Run Duo			Sale Number: FG-341-2025-W01020-01			
Road Segment:		F to G		Co	nstruction:		stations
						0.12	miles
PROJECT NO. 1: ROCKED ROAD CONS	TRUCTI	ON					
CONSTRUCTION							
Clearing & grubbing (scatter)	0.75	ac @	\$1,692.00	per ac =		\$1,269.00	
Drift road construction	6.50	sta @		per sta =		\$1,287.00	
Grade, ditch, & roll	6.50	sta @		per sta =		\$257.72	
				TOTAL CONS	TRUCTION	N COSTS =	\$2,813.72
CULVERTS							
Culverts and Bands							
18" Diameter	30	If @	\$22.05	per If =		\$661.50	
Culvert markers	1	ea @	\$12.00	per ea =		\$12.00	
				ΤΟΤΔΙ	CHI VER	T COSTS =	\$673.50
ROCK				<u>1017(E</u>	OOLVEIN	1 00010=	φ070.00
				Placement/			
	Rock	Base	Haul Cost	Processing	Total CV	Rock Cost	
	Size	Cost \$/cy	\$/cy	Cost \$/cy	Total C1	NOCK COST	
Surfacing rock				σου φιοή			
Base rock	4" - 0	\$0.99	\$9.03	\$1.35	423	\$4,809.51	
Curve widening	4" - 0	\$0.99	\$9.03	\$1.35	189	\$2,148.93	
Junction	4" - 0	\$0.99	\$9.03	\$1.35	48	\$545.76	
		•		Subtotal =	660	\$7,504.20	
			T-1-1-	All Dl-	000	1	
			Totals	All Rock = 4" - 0	660 660		
				+ - 0	000	J	
				<u>TO</u>	TAL ROCI	K COSTS =	\$7,504.20
EROSION CONTROL							
Grass seed & fertilizer	0.38	ac @	\$780.00	per ac =		\$296.40	
			T	OTAL EROSION	CONTRO	- 2T200 I	\$296.40
			<u>11</u>	JINE LINGUION	CONTINU		Ψ230.40
				T07.	. DD0 :=	OT 000T	#44.007.00
				<u>10TA</u>	L PROJE	CI COST =	\$11,287.82

		IAITI OI O	ONOTINOO	11011 0001			
Timber Sale:)	Sa	ile Number:	FG-341-20	025-W01020-01
Road Segment:		H to I		C	onstruction:	10+10	stations
3				-		0.19	miles
PROJECT NO. 1: ROCKED ROAD CONS	TRUCTI	ON					
CONSTRUCTION							
Clearing & grubbing (scatter)	1.16	ac @	\$1,692.00	per ac =		\$1,962.72	
Balanced road construction	1.70	sta @		per sta =		\$204.00	
Drift	8.40	sta @	\$198.00	per sta =		\$1,663.20	
Turnaround	1	ea @	\$90.75	per ea =		\$90.75	
Landing	1	ea @	\$345.40	per ea =		\$345.40	
Grade, ditch, & roll	10.10	sta @	\$39.65	per sta =		\$400.46	_
				TOTAL CON	ISTRICTIC		- - \$4,666.53
CULVERTS				TOTAL CON	NOTROCTIC	<u> </u>	φ4,000.55
Culverts and Bands							
18" Diameter	70	If @	\$22.05	per If =		\$1,543.50	
Markers & Stakes		0	*			4 1,0 10100	
Culvert markers	2	ea @	\$12.00	per ea =		\$24.00	
							-
				<u>TOT</u>	AL CULVER	RT COSTS =	\$1,567.50
ROCK							
	Б.	_		Placement/			
	Rock	Base	Haul Cost	Processing	Total CY	Rock Cost	
	Size	Cost \$/cy	\$/cy	Cost \$/cy			
Surfacing rock						I.	_
Base rock	4"- 0	\$0.99	\$9.53	\$1.35	657	\$7,798.59	
Junction	4" - 0	\$0.99	\$9.53	\$1.35	24	\$284.88	
Turnaround	4" - 0	\$0.99	\$9.53	\$1.35	20	\$237.40	
Landing	4" - 0	\$0.99	\$9.53	\$1.35	180	\$2,136.60	
			· · · · · · · · · · · · · · · · · · ·	Subtotal	= 881	\$10,457.47	1
							_
			Totals	All Rock	= 881	1	
				4" -		1	
							.
				-	IOTAL ROC	CK COSTS =	\$10,457.47
EROSION CONTROL							
Grass seed & fertilizer	0.58	ac @	\$780.00	per ac =		\$452.40	_
						OL COSTS	- ¢452.40
			•	TOTAL EROSIC	IN CONTRO	<u> </u>	\$452.40
				<u>TO</u>	TAL PROJE	ECT COST =	\$17,143.90

			ONSTRUC	TION COST			
Timber Sale:		Run Duc)	_	Sale Number:	FG-341-20	025-W01020-01
Road Segment		J to K			Construction:	21+50	stations
•				_		0.41	miles
PROJECT NO. 1: ROCKED ROAD CON	STRUCTI	ON					_
CONSTRUCTION							
Clearing & grubbing (scatter)	2.47	മറ @	\$1,692.00) ner ac =		\$4,179.24	
Balanced road construction	13.35	sta @		per sta =		\$1,602.00	
Curve widening	1.90		\$120.00			\$228.00	
Orift	8.15	sta @) per sta =		\$1,613.70	
Construct settling pond	12	ea @) per ea =		\$330.00	
Haul	16	cy @		per cy =		\$30.24	
Shape and compact waste material	16	cy @		per cy =		\$5.60	
urnout	3	ea @) per ea =		\$217.80	
urnaround	1	ea @		per ea =		\$90.75	
anding	1	ea @		per ea =		\$345.40	
Grade, ditch, & roll	21.50	sta @		per sta =		\$852.47	
rade, alteri, a roll	21.00	31a S	ψ00.00	ροι σια =		ψ002.47	-
				TOTAL CO	ONSTRUCTIO	N COSTS =	\$9,495.20
CULVERTS	_						
Culverts and Bands				,			
18" Diameter	130	If @		per If =		\$2,866.50	
24" Diameter	30	If @	\$31.90	per If =		\$957.00	
Markers & Stakes	_	_					
Culvert markers	5	ea @	\$12.00) per ea =		\$60.00	_
				TC	TAL CULVER	RT COSTS =	\$3,883.50
ROCK	_						
				Placement	/		
	Rock	Base	Haul Cost	Processing		Rock Cost	
	Size	Cost \$/cy	\$/cy	Cost \$/cy	, ''ola' o'	TROOK GOOL	
Surfacing rock			l	σου φιοί	<u>I</u>	l	_
Base rock	4" - 0	\$0.99	\$9.32	\$1.35	1,398	\$16,300.68	
Curve widening	4" - 0	\$0.99	\$9.32	\$1.35	67	\$781.22	-
Junction	4" - 0	\$0.99	\$9.32	\$1.35	24	\$279.84	4
Turnout	4" - 0	\$0.99	\$9.32	\$1.35	87	\$1,014.42	-
Turnaround	4" - 0	\$0.99	\$9.32	\$1.35	20	\$233.20	-
	4" - 0	\$0.99	\$9.32	\$1.35	180	\$2,098.80	4
Landing	4 - 0	\$0.99	Φ9.32			\$2,096.60	-
				Subtota	al = 1,776	\$20,708.16	
			Totals	All Roc	k = 1,776]	
					- 0 1,776		
				<u> </u>	-,,,,,,	1	
					TOTAL ROC	CK COSTS =	\$20,708.16
EROSION CONTROL							
Grass seed & fertilizer	1.24	ac @	\$780.00	per ac =		\$967.20	
Straw mulch (bale)	4	ea @	\$11.00	per ac =		\$967.20 \$44.00	
maw mulcii (bale)	4	ta w	φι1.00	hei ea =		ψ 44 .00	-
				TOTAL EROS	ION CONTRO	DL COSTS =	\$1,011.20
							· · · · · · · · · · · · · · · · · · ·
				_			
				<u>T</u>	OTAL PROJE	<u> :CT COST =</u>	\$35,098.06

Timber Color		D D			ala Niveahari	FC 244 2	005 W04000 04
Timber Sale:		Run Duc)	_			025-W01020-01
Road Segment:		L to M		_ (Construction:	0.08	stations miles
_						0.08	miles
PROJECT NO. 1: ROCKED ROAD CONS	STRUCTI	ON					
CONSTRUCTION							
Clearing & grubbing (scatter)	0.52	ac @	\$1,692.00	per ac =		\$879.84	
Balanced road construction	1.40	sta @		per sta =		\$168.00	
Drift	3.05	sta @		per sta =		\$603.90	
Landing	1	ea @		per ea =		\$242.00	
Grade, ditch, & roll	4.45	sta @		per sta =		\$176.44	
			*	•			=
				TOTAL CON	<u>ISTRUCTIOI</u>	N COSTS =	\$2,070.18
CULVERTS	-						
Culverts and Bands		_				_	
18" Diameter	40	If @	\$22.05	per If =		\$882.00	
Markers & Stakes							
Culvert markers	1	ea @	\$12.00	per ea =		\$12.00	_
				TOT	AL CULVER	T COSTS _	\$894.00
ROCK				101	AL COLVER	1 00313 =	φοθ4.00
ROCK	•		_				=
	Rock	Base	Haul Cost	Placement/	'		
	Size	Cost \$/cy	\$/cy	Processing	Total CY	Rock Cost	
	Size	COSt \$/Cy	ъ/Су	Cost \$/cy			
Surfacing rock		•	•	•	•	•	•
Base rock	4" - 0	\$0.99	\$9.63	\$1.35	289	\$3,459.33	
Junction	4" - 0	\$0.99	\$9.63	\$1.35	24	\$287.28	
Landing	4" - 0	\$0.99	\$9.63	\$1.35	95	\$1,137.15	
		-	-	Subtota	l = 408	\$4,883.76	
					•	-	
			Totals	All Rock			
				4"	- 0 408]	
				-	TOTAL BOOK	V COSTS -	¢4 002 76
				-	TOTAL ROC	N 00313 =	\$4,883.76
EROSION CONTROL							
Grass seed & fertilizer	0.26	ac @	\$780.00	per ac =		\$202.80	_
			-	OTAL EDOO!	NI CONTRO	LCOCTO	#202 A2
			1	OTAL EROSIC	IN CONTRO	L COSIS =	\$202.80
				ΤΩ	TAL PROJE	CT COST =	\$8,050.74
				<u></u>		<u> </u>	ψο,οσο ¬

Timber Sale:		Run Duo	1	Sal	e Number:	FG-341-202	5-W01020-01
Road Segment:		N to O		Imp	rovement:	23+50	stations
				_		0.45	miles
PROJECT NO. 2: ROAD IMPROVEMENT, R	OCK DEI	DI ACEMEN	IT & MAIN	TENANCE			
	OCK KEI	PLACEIVIEI	NI, & WIAIIN	TENANCE			
IMPROVEMENT		_	.				
Clearing & grubbing (scatter)	0.27			per acre =		\$297.00	
Clean culvert inlet & outlet, scatter waste	3	ea @	\$27.50	per ea =		\$82.50	
Construct settling pond	6	ea @	\$27.50	•		\$165.00	
Haul	8	cy @	\$1.13	per cy =		\$9.04	
Compact waste area	8	cy @	\$0.35	per cy =		\$2.80	
Improve turnout	2 1	ea@	\$36.30 \$90.75	per ea =		\$72.60 \$90.75	
Construct turnaround Construct roadside landing	1	ea @	\$90.75 \$181.50	per ea =			
	1	ea @		•		\$181.50 \$131.00	
Improve landing Grade, ditch, & roll	23.50	ea @ sta @	\$121.00 \$35.45	•		\$121.00 \$933.07	
Grade, ditch, & foil	23.30	sia w	φ33.43	per sta =		\$833.07	
				TOTAL IMP	ROVEMEN	NT COSTS =	\$1,855.26
CULVERTS	_					_	
Culverts and Bands							
18" Diameter	30	If @	\$22.05	per If =		\$661.50	
Markers & Stakes							
Culvert markers	4	ea @	\$12.00	per ea =		\$48.00	
				<u>TOT</u>	AL CULVER	RT COSTS =	\$709.50
ROCK						-	
	Rock	Base	Haul Cost		Total CY	Rock Cost	
	Size	Cost \$/cy	\$/cy	Processing Cost \$/cy	Total O1	ROCK COSt	
Subgrade rock							
Bedding and backfill	1½" - 0	\$13.62	\$19.43	\$0.55	24	\$806.40	
				Subtotal =	= 24	\$806.40	
Surfacing rock					_		
Surfacing rock	4" - 0	\$0.99	\$9.59	\$1.35	987	\$11,774.91	
Junction	4" - 0	\$0.99	\$9.59	\$1.35	24	\$286.32	
Turnout	4" - 0	\$0.99	\$9.59	\$1.35	38	\$453.34	
Turnaround	4" - 0	\$0.99	\$9.59	\$1.35	20	\$238.60	
Roadside landing	4" - 0	\$0.99	\$9.59	\$1.35	95	\$1,133.35	
Landing	4" - 0	\$0.99	\$9.59	\$1.35	60	\$715.80	
				Subtotal =	1,224	\$14,602.32	
					, ,	4	
			Totals	All Rock =	1,248		
				1½" - (
				4" - (1,224		
						•	
				<u>T</u>	OTAL ROC	CK COSTS =	\$15,408.72
EROSION CONTROL						_ <u>-</u>	
Grass seed & fertilizer	0.52	ac @	\$697.50	per ac =		\$362.70	
Straw mulch acre	0.52	ac @	\$990.00	per ac =		\$514.80	
	3.02	~~ ~	Ψ550.00	ps. 40 –		Ψο. 1100	
				TOTAL EROSIO	N CONTRO	DL COSTS =	\$877.50
				TOT	AL PROJE	ECT COST =	\$18,850.98
				<u>101</u>	AL I NOUL		ψ10,000.00

		SUMI			TION COST			
	Timber Sale:		Run Duc)	Sal	e Number:	FG-341-202	5-W01020-01
R	oad Segment:		P to Q		_ Imp	rovement:	15+05 0.29	stations miles
							0.29	miles
PROJECT NO. 2: ROAD IMPR	OVEMENT, RO	OCK REF	PLACEME	NT, & MAIN	TENANCE			
IMPROVEMENT								
Clearing & grubbing (scatter)		0.18	ac @	\$1,692.00	per acre =		\$304.56	
Improve turnout		1	ea @	\$36.30	per ea =		\$36.30	
Construct turnaround		1	ea @	\$90.75	per ea =		\$90.75	
Construct roadside landing		2	ea @		per ea =		\$363.00	
Grade, ditch, & roll		15.05	sta @	\$39.65	per sta =		\$596.73	
, ,					•	DOVEMEN	IT COSTS =	\$1,391.34
CULVERTS					TOTAL IIVIF	KOVLIVILIV	11 00313 =	φ1,591.54
Culverts and Bands								
18" Diameter		60	If @	\$22.05	per If =		\$1,323.00	
Markers & Stakes			0	Ψ==.00	Po		ψ.,σ=σ.σσ	
Culvert markers		2	ea @	\$12.00	per ea =		\$24.00	
				*	•	AL CHILVER	RT COSTS =	\$1,347.00
ROCK					<u>1017</u>	IL OOL VEI	<u> </u>	Ψ1,047.00
	Γ			I	Γ	1		
		Rock	Base	Haul Cost	Placement/	T-1-1-0\/	D I - O 1	
		Size	Cost \$/cy	\$/cy	Processing Cost \$/cy	Total CY	Rock Cost	
Subgrade rock								
Bedding and backfill		1½" - 0	\$13.62	\$20.19	\$0.55	48	\$1,649.28	
			•		Subtotal =	= 48	\$1,649.28	
Surfacing rock					•			
Surfacing rock		4" - 0	\$0.99	\$10.02	\$1.35	978	\$12,088.08	
Turnout		4" - 0	\$0.99	\$10.02	\$1.35	29	\$358.44	
Turnaround		4" - 0	\$0.99	\$10.02	\$1.35	20	\$247.20	
Roadside landing		4" - 0	\$0.99	\$10.02	\$1.35	190	\$2,348.40	
			l.		Subtotal =	1,217	\$15,042.12	
				Totals	All Rock =	1,265		
					1½" - () 48		
					4" - (1,217		
					I	OTAL ROC	CK COSTS =	\$16,691.40
EROSION CONTROL								
Grass seed & fertilizer		0.18	ac @	\$697.50	per ac =		\$125.55	
					TOTAL EDGGE	N OONTO		0.405.55
					TOTAL EROSIO	N CONTRO	DL COSTS =	\$125.55
					<u>TO1</u>	AL PROJE	CT COST =	\$19,555.29
						·	_=	

		<i>III</i>					
Timber Sale:		Run Duo)	_ Sal	e Number:	FG-341-202	25-W01020-01
Road Segment:		R to S		Imp	rovement:	26+35	stations
_				-		0.50	miles
PROJECT NO. 2: ROAD IMPROVEMENT, R	OCK RE	PLACEMEN	NT, & MAIN	TENANCE			
IMPROVEMENT							
Clearing & grubbing (scatter)	0.31	ac @	\$1,692.00	per acre =		\$524.52	
Improve turnout	1	ea @	\$36.30	per ea =		\$36.30	
Construct roadside landing	2	ea @	\$181.50	per ea =		\$363.00	
Grade, ditch, & roll	26.35	sta @	\$39.65	per sta =		\$1,044.77	
				TOTAL IMPR	ROVEMEN	T COSTS =	\$1,968.59
CULVERTS						_	
Markers & Stakes							
Culvert markers	2	ea @	\$12.00	per ea =		\$24.00	
				TOTAL	CULVER	T COSTS =	\$24.00
ROCK							•
		1	I	1	1		
	Rock	Base	Haul Cost	Placement/	Tatal CV	Daali Caat	
	Size	Cost \$/cy	\$/cy	Processing Cost \$/cy	I otal CY	Rock Cost	
Surfacing rock							
Junction	4" - 0	\$0.99	\$10.92	\$1.35	24	\$318.24	
Roadside landing	4" - 0	\$0.99	\$10.92	\$1.35	190	\$2,519.40	
-				Subtotal =	214	\$2,837.64	
			T	AHD	T 044	7	
			Totals	All Rock = 4" - (4	
				4 - (214		
				TC	TAL ROC	K COSTS =	\$2,837.64
EROSION CONTROL							
Grass seed & fertilizer	0.31	ac @	\$697.50	per ac =		\$216.22	
				TOTAL EROSION	CONTRO	L COSTS =	\$216.22
				TOTA	AL PROJE	CT COST =	\$5,046.45
				<u>1017</u>		=	40,010.10

		0011111		0.10.110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	Timber Sale:	Sale: Run Duo Sale Number: FG-		FG-341-202	G-341-2025-W01020-01			
	Road Segment:		T to U		_	Maintenance:	8+30	stations
					_		0.16	miles
PROJECT NO. 2: ROAD	IMPROVEMENT, RO	OCK RE	PLACEMEN	IT, & MAIN	NTENANCE			
MAINTENANCE								
Clearing (scatter)		0.10	ac @	\$850.00	per acre =		\$85.00	
Grade, ditch, & roll		8.30	sta @	\$35.45	per sta =		\$294.23	
					TOTAL	IMPROVEMEN [*]	T COSTS =	\$379.23
EROSION CONTROL								
Grass seed & fertilizer		0.10	ac @	\$697.50	per ac =		\$69.75	
					TOTAL ERO	SION CONTRO	L COSTS =	\$69.75
						TOTAL PROJE	CT COST =	\$448.98

	SUMI	MARY OF (CONSTRUC	CTION COST			
Timber Sale	:	Run Duc)	5	Sale Number:	FG-341-202	5-W01020-01
Road Segment	:	V to W		_	mprovement:		stations
				<u>-</u>		0.40	miles
PROJECT NO. 2: ROAD IMPROVEMENT,	ROCK REI	PLACEME	NI, & MAIN	ITENANCE			
IMPROVEMENT	_						
Clearing & grubbing (scatter)	0.25	ac @	\$1,100.00	per acre =		\$275.00	
Cutslope layback (4+95 to 5+80)							
Excavate & load	166	су @	\$1.94	per cy =		\$322.04	
Haul	216	cy @	\$0.85	per cy =		\$183.60	
Shape and compact waste material	216	су @	\$0.35	per cy =		\$75.60	
Cutslope layback (10+05 to 10+75)						*	
Excavate & load	137	cy @	\$1.94	per cy =		\$265.78	
Haul	178	cy @	\$0.69	per cy =		\$122.82	
Shape and compact waste material	178	cy @		per cy =		\$62.30	
Construct settling pond	6	ea @	\$27.50	per ea =		\$165.00	
Haul	8	cy @	\$0.89	per cy =		\$7.12	
Compact waste area	8	cy @	\$0.35	per cy =		\$2.80	
Construct turnaround	1	ea @	\$181.50	per ea =		\$181.50	
Excavate, place and & compact fill	120	су @	\$1.94	per cy =		\$232.80	
Improve roadside landing	1	ea@	\$90.75	per ea =		\$90.75	
Grade, ditch, & roll	21.35	sta @	\$39.65	per sta =		\$846.52	
				TOTAL IN	MPROVEMEN	IT COSTS -	\$2,833.63
CULVERTS				TOTALII	VIEKOVEIVIEI	11 00313 =	φ2,033.03
Culverts and Bands	_						
18" Diameter	30	If @	\$22.05	per If =		\$661.50	
24" Diameter	50 50	If @	\$31.90	per If =		\$1,595.00	
Markers & Stakes	30	11 @	φ51.90	per ii =		\$1,595.00	
Culvert markers	3	ea @	\$12.00	per ea =		\$36.00	
Culvert markers	3	ca w	Ψ12.00	•	TAL CHI \/EF		#0.000.50
ROCK				<u>10</u>	TAL CULVER	<u> </u>	\$2,292.50
TOOK .	_	ı	ı				
	Rock	Base	Haul Cost	Placement/			
	Size	Cost \$/cy	\$/cy	Processing Cost \$/	Total CY	Rock Cost	
Out was de made		. ,	. ,				
Subgrade rock	41/1 0	¢40.00	#00.04	ФО <u>Г</u> Г	40	¢4 CO2 O4	
Bedding and backfill	1½" - 0	\$13.62	\$20.91	\$0.55 \$1.75	48 12	\$1,683.84	
Energy dissipator	Riprap	\$1.85	\$10.98	\$1.75 Subtota		\$174.96 \$1,858.80	
Surfacing rock				Subidia	ai = 00	\$1,000.00	
Surfacing rock	4" - 0	\$0.99	\$10.98	\$1.35	907	¢11 0/9 0/	
-		\$0.99			897	\$11,948.04 \$266.40	
Turnaround	4" - 0		\$10.98	\$1.35	20	+	
Roadside landing	4" - 0	\$0.99	\$10.98	\$1.35	60	\$799.20	
				Subtota	al = 977	\$13,013.64	
			Tatala	All Deal	4 007	1	
			Totals	All Rock			
				1½"			
					- 0 977		
				Rip	rap 12		
					TOTAL BOO	COCTC	¢440 7 044
					TOTAL RUC	CK COSTS =	\$14,872.44
EROSION CONTROL		_				.	
Grass seed & fertilizer	0.25	ac @	\$697.50	per ac =		\$174.37	
Straw mulch acre	0.10	ac @	\$990.00	per ac =		\$99.00	
Straw mulch bale	2	ea@	\$11.00	per ea =		\$22.00	
				TOTAL EROS		OL COSTS -	\$295.37
				TOTAL ERUS	ON CONTRO	<u> </u>	ψ∠3J.31
				<u>T</u>	OTAL PROJE	CT COST =	\$20,293.94
						=	

Timber Sal	le:	Run Duo		_	Sale Number:	FG-341-202	25-W01020-0
Road Segmer	nt:	V1 to V2			Maintenance:	17+80	stations
_				_		0.34	miles
PROJECT NO. 3: ROAD VACATING							
Construct tank trap	1	ea @	\$60.50	per ea =		\$60.50	
Existing waste relocation	350	cy @	\$1.94	per ea =		\$679.00	
Excavate & load	350	cy @	\$1.94	per cy =		\$679.00	
Haul to waste area No. 1	455	cy @	\$1.44	per cy =		\$655.20	
Compact waste area	455	cy @	\$0.35	per cy =		\$159.25	
Fill removal End-haul (1+55)		-					
Excavate & load	66	cy @	\$1.94	per cy =		\$128.04	
Haul to waste area No. 1	86	cy @	\$1.22	per cy =		\$104.92	
Compact waste area	86	cy @	\$0.35	per cy =		\$30.10	
Fill removal End-haul (8+15)							
Excavate & load	78	cy @	\$1.94	per cy =		\$151.32	
Haul to waste area No. 1	101	cy @	\$1.44	per cy =		\$145.44	
Compact waste area	101	cy @	\$0.35	per cy =		\$35.35	
Fill removal End-haul (16+05)							
Excavate & load	146	cy @	\$1.94	per cy =		\$283.24	
Haul to waste area No. 1	190	cy @	\$1.20	per cy =		\$228.00	
Compact waste area	190	cy @	\$0.35	per cy =		\$66.50	
Stream channel widening	4	hrs @	\$225.00	per hr =		\$900.00	
Rip rocked road surface	17.80	sta @	\$55.00	per sta =		\$979.00	
Rip & narrow landing	2	ea @	\$165.00	per ea =		\$330.00	
Grass seed & fertilizer	1.93	ac @	\$697.50	per ac =		\$1,346.17	
Mulch	1.93	ac @	\$990.00	per ac =		\$1,910.70	

TOTAL PROJECT COST = \$8,871.73

Timber Sale: Run Duo Sale Number: FG-341-2025-W01020-01

PROJECT No. 1, 2 & 3 MOVE-IN, WITHIN AREA MOVE, & CLEANING COSTS

Equipment	Total
Grader	\$447.95
Roller (smooth/grid) & Compactor	\$428.48
Excavator (Large) - Equipment Cleaning	\$1,859.57
Dozer (Large) - Equipment Cleaning	\$1,859.57
Dump Truck (10cy +)	\$383.95
Water Truck (2,500 Gal)	\$353.49

TOTAL MOVE-IN COSTS = \$5,333.01

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Run Duo
Sale Number: FG-341-2025-W01020-01
Stockpile Name: West Mac

4" - 0: 11,500 cy (truck measure)
Riprap: 12 cy (truck measure)

Total truck yardage: 11,512 cy

Move-in					
Move in excavator	=				\$905.60
Move in dump trucks					\$300.94
				Subtotal =	\$1,206.54
				Per CY =	\$0.10/cy
4"-0 Base Cost	_				
Load dump truck	\$0.90	/ cy x	11,500	cy =	\$10,350.00
				Subtotal =	\$10,350.00
				Per CY =	\$0.89/cy
Riprap Base Cost					
Load dump truck	\$1.75	/ cy x	12	_cy =	\$21.00
				Subtotal =	\$21.00
				Per CY =	\$1.75

4"-0 Cost = \$0.99/cy Riprap Cost = \$1.85/cy

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Run Duo
Sale Number: FG-341-2025-W01020-01
Stockpile Name: Rock Creek Ridge

1 1/2" - 0: 144 cy (truck measure)
Total truck yardage: 144 cy

avator \$913

Move-in Move in excavator \$913.60 Move in loader \$817.22 Move in Dump Trucks \$101.14 Subtotal = \$1,831.96 Per CY = \$12.72/cy 1 1/2"-0 Base Cost Load dump truck \$0.90 / cy x 144 \$129.60 Subtotal = \$129.60 Per CY = \$0.90

1 1/2"-0 Cost = \$13.62/cy

CRUISE REPORT Run Duo #FG-341-2025-W01020-01

1. LOCATION:

Portions of Sections 12, 13, 14, 23 & 24, T4N, R6W, W.M., Clatsop County, Oregon.

2. CRUISE DESIGN:

The timber cruise was designed using an estimated coefficient of variation (CV) of 57%, average stand diameter of 25 inches, sampling error (SE) of 9% and a minimum of 100 grade trees.

3. SAMPLING METHOD:

The Timber Sale Area was cruised in April of 2024 with 39 variable radius grade plots using a 40 BAF prism. Plots were laid out 4 chain x 5 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. CRUISE RESULTS:

158 trees were measured and graded producing a standard error of 5.3% on the Douglas-fir Basal Area and 6.4% on the Douglas-fir Net Board Foot Volume.

5. TREE MEASUREMENT AND GRADING:

All sample trees were measured and graded following the Official Log Scaling and Grading Rules as adopted by the NW Log Rules Advisory Group. 40 foot segments were favored.

- a) **Height Standards:** Total tree heights were measured to the nearest foot. Bole heights were calculated to a six inch top.
- b) **Diameter Standards:** Diameters were measured outside bark at breast height to the nearest inch.
- c) Form Factors: Measured for each grade tree using a form point of 16 feet.

6. DATA PROCESSING:

- a) **Volumes and Statistics:** Cruise estimates and sampling statistics were derived from SuperAce 2008 cruise software.
- Deductions: The following percent volume deductions are by species to account for the hidden defect and breakage. For conifers two percent was deducted.
- **7. CRUISERS:** The sale was cruised by Adrian Torres, Colton Turner, and Shamus Smith.

Prepared by:	Adrian Torres	04-28-2024
Reviewed by:	Mark Savage	04-28-2024
	-	Date

TC PST	ATS					OJECT oject		STICS NDUO			PAGE DATE	1 5/7/2024
ГWР	RGE	SC	TRACT		ГҮРЕ		AC	CRES	PLOTS	TREES	CuFt	BdFt
T4N T4N	R6 R6W	13 23	00U2 00U1		00MC 00MC			91.00	38	167	S	W
						TREES		ESTIMATED TOTAL		ERCENT SAMPLE		
		F	LOTS	TREES		PER PLOT		TREES		TREES		
TOTA	\L		38	167		4.4						
CRUIS DBH (REFO COUN BLAN	COUNT PREST NT		38	167		4.4		5,167		3.2		
100 %												
					STA	ND SUMM	IARY					
			MPLE REES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG	FIR		145	43.0	25.6	151	30.3	153.4	43,642	43,398	8,407	8,407
	FIR-S		9	3.7	21.8	95	2.0	9.5	123	123	31	31
	MLOCK		5	3.5	16.4	91	1.3	5.1	911	901	186	186
WR C	EDAR M.		8 167	6.6 5 <i>6</i> ,8	15.4 23.9	78 135	2.2 36.1	8.6 <i>176.5</i>	852 <i>45,528</i>	852 45,274	269 8,894	269 8,894
CONI			TS OF THE		VOLUME '	WILL BE V	WITHIN TI	HE SAMPLE E	RROR			
CL	68.1		COEFF			SAMPL	E TREES -	BF	#	OF TREES RI	EQ.	INF. POP.
en.	1.0		****	0.50/	_							
SD:			VAR.%	S.E.%	Lo	OW	AVG	HIGH		5	10	
DOUG	FIR		50.7	4.2	Lo	OW 1,258	1,313	1,368		5	10	
DOUG	FIR FIR-S		50.7 300.0	4.2 105.9	LO	1,258	1,313 83	1,368 172		5	10]
DOUG	FIR FIR-S MLOCK		50.7	4.2	LO		1,313	1,368		5	10	
DOUG DOUG WHEN	FIR FIR-S MLOCK EDAR		50.7 300.0 62.5	4.2 105.9 31.1		1,258 476	1,313 83 690	1,368 172 904		5	10 38	
DOUG DOUG WHEN WR CI	FIR FIR-S MLOCK EDAR		50.7 300.0 62.5 112.5	4.2 105.9 31.1 42.4		1,258 476 122 <i>1,119</i>	1,313 83 690 211	1,368 172 904 301 <i>I</i> ,232	# (38	
DOUG DOUG WHEN WR CI	FIR FIR-S MLOCK EDAR		50.7 300.0 62.5 112.5 61.8	4.2 105.9 31.1 42.4		1,258 476 122 <i>1,119</i>	1,313 83 690 211 1,175	1,368 172 904 301 <i>I</i> ,232	# (153	38	INF. POP.
DOUG DOUG WHEN WR CI TOTA CL SD:	FIR FIR-S FIR-S MLOCK EDAR L 68.1 1.0 FIR		50.7 300.0 62.5 112.5 61.8 COEFF VAR.%	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8		1,258 476 122 1,119 SAMPL	1,313 83 690 211 1,175 E TREES - AVG 250	1,368 172 904 301 1,232 CF HIGH 259	# (153 OF TREES RE	<i>38</i> EQ.	INF. POP.
DOUG DOUG WHEN WR CI TOTA CL SD: DOUG DOUG	FIR FIR-S MLOCK EDAR AL 68.1 1.0 FIR FIR-S FIR-S		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9		1,258 476 122 1,119 SAMPLI DW 240	1,313 83 690 211 1,175 E TREES - AVG 250 21	1,368 172 904 301 1,232 CF HIGH 259 43	# (153 OF TREES RE	<i>38</i> EQ.	INF. POP.
DOUG DOUG WHEN WR CI TOTA CL SD: DOUG WHEN	FIR-S MLOCK EDAR AL 68.1 1.0 FIR-S MLOCK		50.7 300.0 62.5 112.5 61.8 COEFF VAR.%	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8		1,258 476 122 1,119 SAMPLI	1,313 83 690 211 1,175 E TREES - AVG 250	1,368 172 904 301 1,232 CF HIGH 259	# (153 OF TREES RE	<i>38</i> EQ.	INF. POP.
DOUG DOUG WHEN WR CI TOTA CL SD: DOUG	FIR FIR-S MLOCK EDAR AL 68.1 1.0 FIR-S MLOCK EDAR AL 68.1 1.0 FIR-S MLOCK EDAR		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3		1,258 476 122 1,119 SAMPLI DW 240 99	1,313 83 690 211 1,175 E TREES - AVG 250 21 147	1,368 172 904 301 1,232 CF HIGH 259 43 194	# (153 OF TREES RE	<i>38</i> EQ.	INF. POP.
DOUG DOUG WHEN WR CL SD: DOUG DOUG WHEN WR CL	FIR FIR-S FIR-S MLOCK EDAR LL 68.1 1.0 FIR-S MLOCK EDAR LL LOCK EDAR LL LOCK EDAR LL		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3		1,258 476 122 1,119 SAMPLI DW 240 99 41	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225	1,368 172 904 301 1,232 CF HIGH 259 43 194 83		153 OF TREES RI 5	38 EQ. 10	INF. POP.
DOUG DOUG WHEN WR CI TOTA CL SD: DOUG WHEN WR CI TOTA	FIR FIR-S MLOCK EDAR AL 68.1 1.0 FIR-S MLOCK EDAR AL 68.1 1.0 FIR-S MLOCK EDAR		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3	L	1,258 476 122 1,119 SAMPLI DW 240 99 41 216	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225	1,368 172 904 301 1,232 CF HIGH 259 43 194 83		153 OF TREES RI 5 5	38 EQ. 10	INF. POP.
DOUG DOUG WHEN CL SD: DOUG WHEN WR CI TOTA	FIR SFIR-S MLOCK EDAR LL 68.1 1.0 SFIR-S		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.%	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.%	L	1,258 476 122 1,119 SAMPLE DW 240 99 41 216 TREES/A DW 39	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43	1,368 172 904 301 <i>I,232</i> CF HIGH 259 43 194 83 235 HIGH		153 OF TREES RI 5 125 OF PLOTS RE	38 EQ. 10 31	INF. POP.
DOUG DOUG DOUG DOUG DOUG DOUG DOUG DOUG	FIR SFIR-S MLOCK EDAR LL 68.1 1.0 SFIR SHLOCK EDAR LL 68.1 1.0 SFIR SFIR-S MLOCK EDAR LL 68.1 1.0 SFIR SFIR-S		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9	L	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6		153 OF TREES RI 5 125 OF PLOTS RE	38 EQ. 10 31	INF. POP.
DOUG DOUG WHEN WR CI SD: DOUG WHEN WR CI TOTA CL SD: DOUG WHEN WR CI TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1	L	1,258 476 122 1,119 SAMPLE DW 240 99 41 216 TREES/A DW 39	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6		153 OF TREES RI 5 125 OF PLOTS RE	38 EQ. 10 31	INF. POP.
DOUG DOUG DOUG DOUG DOUG DOUG DOUG DOUG	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9	L	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6		153 OF TREES RI 5 125 OF PLOTS RE	38 EQ. 10 31	INF. POP.
DOUG WHEN WR CI TOTA CL SD: DOUG WHEN WR CI TOTA CL SD: DOUG WHEN WR CI TOTA	FIR SFIR-S MLOCK EDAR LL 68.1 1.0 SFIR-S MLOCK EDAR LL 68.1 1.0 SFIR SFIR-S MLOCK EDAR LL 68.1 1.0 SFIR SFIR-S MLOCK EDAR LL L L L L L L L L L L L L L L L L L		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3	L	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63	# (153 OF TREES RE 5 125 OF PLOTS RE 5	38 EQ. 10 31 GQ. 10	INF. POP.
DOUG WHEN WR CI SD: DOUG WHEN WR CI TOTA CL SD: DOUG WHEN WR CI TOTA CL SD: DOUG TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63	# (153 OF TREES RI 5 125 OF PLOTS RE 5	38 EQ. 10 31 GQ. 10	INF. POP.
DOUG DOUG WHEN WR CI SD: DOUG WHEN WR CI TOTA CL SD: DOUG WHEN WR CE TOTA CL SD: DOUG CL DOUG	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S MLOCK EDAR L 68.1 1.0 FIR FIR-S MLOCK EDAR L 68.1 1.0 FIR		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4 COEFF VAR.%	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3 11.4 S.E.% 5.3	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50 BASAL A DW 145	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57 AREA/ACI AVG 153	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63 RE HIGH	# (153 OF TREES RI 5 125 OF PLOTS RE 5 198 OF PLOTS RE	38 EQ. 10 31 EQ. 10 50	INF. POP.
DOUG DOUG WHEN WR CH TOTA CL SD: DOUG WHEN WR CH TOTA CL SD: DOUG WHEN WR CE TOTA CL SD: DOUG DOUG WHEN WR CH TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S MLOCK EDAR L 68.1 1.0 FIR FIR-S		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4 COEFF VAR.%	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3 11.4 S.E.% 5.3 43.9	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50 BASAL A DW 145 5	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57 AREA/ACI AVG 153 9	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63 RE HIGH	# (153 OF TREES RI 5 125 OF PLOTS RE 5 198 OF PLOTS RE	38 EQ. 10 31 EQ. 10 50	INF. POP.
DOUG WHEN WR CE TOTA CL SD: DOUG WHEN WR CE TOTA CL SD: DOUG WHEN WR CE TOTA CL SD: DOUG WHEN WR CE TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S MLOCK EDAR L 68.1 1.0 FIR FIR-S MLOCK EDAR L 68.1 1.0 FIR FIR-S MLOCK EDAR L		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4 COEFF VAR.%	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3 11.4 S.E.% 5.3 43.9 42.3	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50 BASAL A DW 145 5 3	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57 AREA/ACI AVG 153 9 5	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63 RE HIGH 162 14 7	# (153 OF TREES RI 5 125 OF PLOTS RE 5 198 OF PLOTS RE	38 EQ. 10 31 EQ. 10 50	INF. POP.
DOUG DOUG WHEN WR CH TOTA CL SD: DOUG WHEN WR CH TOTA CL SD: DOUG WHEN WR CE TOTA CL SD: DOUG DOUG WHEN WR CH TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S HLOCK EDAR L 68.1 1.0 FIR FIR-S HLOCK EDAR L 68.1 1.0 FIR FIR-S HLOCK EDAR L		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4 COEFF VAR.%	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3 11.4 S.E.% 5.3 43.9	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50 BASAL A DW 145 5	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57 AREA/ACI AVG 153 9	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63 RE HIGH	# (153 OF TREES RI 5 125 OF PLOTS RE 5 198 OF PLOTS RE	38 EQ. 10 31 EQ. 10 50	INF. POP.
DOUG WHEM WR CE TOTA CL SD: DOUG WHEM WR CE TOTA CL SD: DOUG WHEM WR CE TOTA CL SD: DOUG WHEM WR CE TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S HLOCK EDAR L 68.1 1.0 FIR FIR-S HLOCK EDAR L 68.1 1.0 FIR FIR-S HLOCK EDAR L		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4 COEFF VAR.% 33.0 270.8 260.7 250.8	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3 11.4 S.E.% 5.3 43.9 42.3 40.7	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50 BASAL A DW 145 5 3 5	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57 AREA/AC AVG 153 9 5 9 177	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63 RE HIGH 162 14 7 12	# (153 OF TREES RI 5 125 OF PLOTS RE 5 198 OF PLOTS RE 5	38 EQ. 10 31 EQ. 10 50 EQ. 10	INF. POP.
DOUG WHEM WR CE TOTA	6 FIR 6 FIR-8 MLOCK EDAR LL 68.1 1.0 FIR FIR-8 MLOCK EDAR LL		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4 COEFF VAR.% 33.0 270.8 260.7 250.8 32.5	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3 11.4 S.E.% 5.3 43.9 42.3 40.7	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50 BASAL A DW 145 5 3 5 167 NET BF/A	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57 AREA/AC AVG 153 9 5 9 177	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63 RE HIGH 162 14 7 12	# (153 OF TREES RI 5 125 OF PLOTS RE 5 198 OF PLOTS RE 5	38 EQ. 10 31 EQ. 10 50 EQ. 10	INF. POP. 2 INF. POP. 1 INF. POP.
DOUG WHEM WR CI TOTA CL SD: DOUG WHEM WR CI TOTA CL SD: DOUG WHEM WR CE TOTA	6 FIR 6 FIR-8 MLOCK EDAR LL 68.1 1.0 FIR FIR-8 MLOCK EDAR LL 68.1 1.0 FIR FIR-8 MLOCK EDAR LL 68.1 1.0 FIR FIR-8 MLOCK EDAR L 68.1 1.0 FIR FIR-8 MLOCK EDAR LL 68.1 1.0 FIR FIR-8 MLOCK EDAR LL 68.1 1.0 FIR FIR-8 MLOCK EDAR LL 68.1 1.0 FIR		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4 COEFF VAR.% 33.0 270.8 260.7 250.8 32.5 COEFF VAR.% 39.2	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3 11.4 S.E.% 5.3 43.9 42.3 40.7 5.3 S.E.% 6.4	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50 BASAL A DW 145 5 3 5 167 NET BF/DW 0,640	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57 AREA/ACI AVG 153 9 5 9 177 ACRE AVG 43,398	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63 RE HIGH 162 14 7 12 186 HIGH 46,155	# (153 OF TREES RI 5 125 OF PLOTS RE 5 198 OF PLOTS RE 5	38 EQ. 10 31 EQ. 10 50 EQ. 11	INF. POP. INF. POP. 2 INF. POP. 1
DOUG DOUG WHEN WR CI SD: DOUG WHEN WR CI TOTA CL SD: DOUG WHEN WR CE TOTA CL SD:	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 68.1 68.1 68.1 68.1 68.1 68.1 68.1		50.7 300.0 62.5 112.5 61.8 COEFF VAR.% 45.3 300.0 65.0 90.9 56.0 COEFF VAR.% 57.4 345.2 438.4 254.9 70.4 COEFF VAR.% 33.0 270.8 260.7 250.8 32.5 COEFF VAR.%	4.2 105.9 31.1 42.4 4.8 S.E.% 3.8 105.9 32.3 34.3 4.3 S.E.% 9.3 55.9 71.1 41.3 11.4 S.E.% 5.3 43.9 42.3 40.7 5.3 S.E.%	LC	1,258 476 122 1,119 SAMPLI DW 240 99 41 216 TREES/A DW 39 2 1 4 50 BASAL A DW 145 5 3 5 167 NET BF/DW	1,313 83 690 211 1,175 E TREES - AVG 250 21 147 62 225 ACRE AVG 43 4 3 7 57 AREA/ACI AVG 153 9 5 9 177 ACRE AVG	1,368 172 904 301 1,232 CF HIGH 259 43 194 83 235 HIGH 47 6 6 9 63 RE HIGH 162 14 7 12 186 HIGH	# (153 OF TREES RI 5 125 OF PLOTS RE 5 198 OF PLOTS RE 5	38 EQ. 10 31 EQ. 10 50 EQ. 11	INF. POP. 1 INF. POP. 1 INF. POP.

TC PST	ATS				PROJECT PROJECT		STICS NDUO			PAGE DATE	2 5/7/2024
TWP	RGE	SC	TRACT	TYP	E	A	CRES	PLOTS	TREES	CuFt	BdFt
T4N T4N	R6 R6W	13 23	00U2 00U1	00MC			91.00	38	167	S	W
CL	68.1		COEFF		NET B	F/ACRE			# OF PLOTS	S REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
TOTA	A L		35.8	5.8	42,644	45,274	47,904		51	13	6
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS RE	EQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOUG	3 FIR		36.1	5.8	7,916	8,407	8,899				
DOU	3 FIR-S		616.4	99.9	0	31	61				
WHE	MLOCK		269.3	43.6	105	186	268				
WR C	EDAR		258.7	41.9	156	269	382				
TOTA	AL		32.0	5.2	8,433	8,894	9,354		41	10	5

1	4N RR6W S13 4N RR6W S23	•		20.00 71.00		Projec Acres	t:	RUNDU 91	O .00							Page Date Time		1 7/2024 29:07:	4
		%			<u> </u>	<u> </u>		Percent of	Net Boa	rd Foot	Volume				Γ	Avera	ige Lo	3	Γ
	S So Gr	Net	Bd. Ft.	per Acre		Total		Log S	ale Dia			Log L	ength		Ln	Dia	Bd	CF/	
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF		4-5 6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	L
DF	2M	87	.6	38,410	38,165		3,473		26	74				100	40	17	520	2.38	1
DF	3M	11		4,487	4,487	ļ	408	98	2			2	2	96	39	9	111	0.75	
DF	4M_	2		745	745		68	100			30	51	11	7	22	6	31	0.44	L
DF	Totals	96	.6	43,642	43,398		3,949	12	23	65	1	1	0	98	37	13	315	1.67	
DF	S CU													_	34	10		0.00	Г
DF	S 2M	93		115	115		10			100				100	40	20	700	3.88	
DF	S 3M	7		8	8		1	100				100			25	8	50	1.27	L
DF	Totals	0		123	123		11	. 7		93		7		93	34	10	16	0.12	L
WH	CU														6	27		0.00	
WH	2M	71	1.5	658	649		59		45	55	13			87	38	17	443	2.27	l
WH	3M	10		83	83		8	100						100	40	9	133	1.06	l
WH	4M	19		170	170		15	100			9	5		86	34	6	51	0.31	L
WH	Totals	2	1.1	911	901		82	28	33	39	11	1		88	33	11	152	0.95	
							-			25				100	16	14	206	2.00	
RC	2M	40		341	341		31	100	61	39				100	40	14	286	2.00 0.65	
RC	3M	54		463	463		42	100 100			72	28		100	40 16	7 6	75 23	0.65	
RC	4M	6		48	48		4	100			12	.20			10	U	23	0,57	⊬
RC	Totals	2		852	852		78	60	24	16	4	2		94	35	8	90	0.82	I

TC PSTNDSUM		Stand Tabl	e Summary	Page Date:	1 5/7/2024
TT4N RR6W S13 Ty00MC	20.00	Project	RUNDUO	Time:	2:29:09PM
TT4N RR6W S23 Ty00MC	71.00	Acres	91.00	Grown Year:	

		_			i		Acres		91.0)0			Grown Year		
S Spc T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Averag Net Cu.Ft.	e Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Totals Cunits	MBF
DF	11	1	87	82	1.631	1.08	1.63	14.8	60.0	.69	24	98	63	22	9
DF	12	1	88	97	1.370	1.08	2.74	12.7	55.0	.99	35	151	90	32	14
DF	15	3	89	125	2.631	3.23	5.26	24.0	108.3	3,60	126	570	328	115	52
DF	17	1	85	124	.683	1.08	1.37	31.6	125.0	1.23	43	171	112	39	16
DF	18	5	89	136	3,045	5.38	9.13	27,9	127.3	7.27	255	1,163	662	232	106
DF	20	3	88	145	1.480	3.23	4.44	36.0	164.4	4.55	160	730	414	145	66
DF	21	2	90	138	.895	2.15	2.68	38.9	186.7	2.97	104	501	271	95	46
DF	22	6	89	145	2.408	6.36	7.23	43.7	204.6	9.00	316	1,478	819	287	135
DF	23	2	88	143	.712	2.05	2.13	47.9	226.5	2.91	102	484	265	93	44
DF	24	9	89	153	3.051	9.59	10.18	49.9	238.9	14.47	508	2,433	1,317	462	221
DF	25	13	89	160	4.075	13.89	14.12	53.5	265.5	21.51	755	3,748	1,958	687	341
DF	26	11	88	155	3.130	11.54	10.27	59.9	297.6	17.53	615	3,055	1,595	560	278
DF	27	11	89	160	2.952	11.74	10.48	62.4	326.5	18.63	654	3,422	1,695	595	311
DF	28	7	90	166	1.738	7.43	6.47	66.8	355.8	12.32	432	2,304	1,121	393	210
DF	29	15	90	178	3.476	15.94	13.48	72.0	390.4	27.66	971	5,261	2,517	883	479
DF	30	14	89	166	3.009	14.77	11.00	75.8	396.6	23.77	834	4,362	2,163	759	397
DF	31	5	89	170	1,008	5.28	3.84	79.8	428.2	8.75	307	1,646	796	279	150
DF	32	9	88	161	1.663	9.29	5.95	86.4	451.2	14.66	514	2,686	1,334	468	244
DF	33	5	89	178	.906	5.38	3.62	91.2	507.5	9.42	331	1,839	857	301	167
DF	34	6	89	172	1.008	6.36	3.88	97.4	549.2	10:77	378	2,130	980	344	194
DF	35	4	88	174	.629	4.21	2.37	106.1	593.4	7.17	252	1,407	653	229	128
DF	36	4	88	175	.609	4.30	2.44	105.5	595.0	7.33	257	1,449	667	234	132
DF	37	2	85	158	.275	2.05	.82	129.6	662.7	3.05	107	547	277	97	50
DF	40	2	88	167	.235	2.05	.83	141.6	770.1	3.35	117	638	305	107	58
DF	41	1	85	160	.107	.98	.32	163.6	813.3	1.49	52	260	136	48	24
DF	42	1	87	140	.102	.98	.30	155.0	803,3	1.35	47	245	122	43	22
DF	44	1	87	152	.093	.98	.28	188.8	1016.7	1.49	52	282	136	48	26
DF	47	1	88	177	.081	.98	.32	181.6	1040.0	1.68	59	337	153	54	31
DF	Totals	145	89	151	43.000	153.36	137.60	61.1	315.4	239.61	8,407	43,398	21,804	7,651	3,949
WH	9	1	91	79	2.436	1.08	2.44	10.6	60.0	.83	26	146	75	24	13
WH	20	1	93	120	.493	1.08	1.48	34.1	166.7	1.62	51	247	147	46	22
WH	27	1	86	120	.246	.98	.74	61,1	260.0	1.44	45	192	131	41	17
WH	32	1	82	125	.175	.98	.52	57.6	306.7	.97	30	161	88	28	15
WH	37	1	85	107	.131	.98	.26	132.5	595.0	1.11	35	156	101	32	14
WH	Totals	5	90	91	3.481	5.08	5.44	34.3	165.7	5.96	186	901	543	170	82
RC	11	1	81	78	1.631	1.08	1.63	17.1	60.0	.66	28	98	60	25	9
RC	13	1	80	75	1.168	1.08	1.17	23.8	70.0	.65	28	82	59	25	7
RC	14	1	79	62	1.007	1.08	1.01	25.3	60.0	.60	25	60	54	23	5
RC	15	1	80	77	.877	1.08	1.75	17.5	55.0	.72	31	96	66	28	9
RC	16	1	75	64	.771	1.08	.77	36.9	70.0	.67	28	54	61	26	5
RC	20	1	81	123	.493	1.08	1.48	31.8	116.7	1,11	47	173	101	43	16
RC	21	1	81	80	.447	1.08	.89	39.9	115.0	.84	36	103	76	32	9
RC	28	1	81	119	.252	1.08	.76	61.0	246.7	1.08	46	186	99	42	17
RC	Totals	8	80	78	6,645	8.61	9.46	28.5	90.1	6,33	269	852	576	245	78
DF S	15	1	88	98	.877	1.08									
DF S	17	1	88	109	.683	1.08									
DF S	18	1	85	94	.609	1.08									
DF S	19	1	90	121	.547	1.08									İ
DF S	30	1	85	65	.219	1.08									
DF S	31	1	87	74	.205	1.08									
DF S	32	1	89	99	.193	1.08									
פיזע	22	-	0,		1	2.00									

TC	PSTNDSU	ЈМ				S	Stand T	Table S	ummary				Page Date:	5/7/2	
		13 Ty00MC 23 Ty00MC		20.0 71.0	l l		Project Acres	R	UNDUO 91.0	10			Time: Grown Year:	2:29	:09PM
S Spc T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Net Cu.Ft.	e Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Totals Cunits	MBF
DF S DF S	33 34	1	87 37	78 20	.164 .155	.98 .98	.33	93.5	375.0	.88	31	123	80		28 11
DF S	Totals	9	85	95	3.652	9.49	.33	93.5	375.0	.88	31	123	80		28 11
Totals		167	87	135	56.778	176.54	152.83	58.2	296.2	252.77	8,894	45,274	23,002	8,0	93 4,120

 TC
 PLOGSTVB
 Log Stock Table - MBF

 TT4N RR6W S13 Ty00MC
 20.00 TT4N RR6W S23 Ty00MC
 Project: RUNDUO Acres
 RUNDUO 91.00
 Date 5/7/2024 Time 2:29:06PM

														111110		27.001	
s	So Gr L	og	Gross	Def Net	%			Vet Volu	me by S	caling	Diamete	r in Inch	es				
Spp T		en	MBF	% MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	25+
DF	2M	40	3,495	3,473	87.9						257	420	1157	1121	488		414
DF	3M	24	1	1	.0				1								
DF	3M	25	1	1	.0					,	l						
DF	3M	27	2	.2	.0				2								
DF	3M	28	3	3	.1			1	2								
DF	3M	30	1	1	.0			1									
DF	3M	31	2	2	.0			1	1								
DF	3M	32	1	1	.0				1								
DF	3M	33		1	.0			1									
DF	3M	34		3	.1			1	1	1	=						
DF	3M	36		3		1		3				1					
DF	3M	37		2				1	1								
DF	3M	38		2	1			2 61	127	190	8						
DF	3M	40	386	386	9.0	<u> </u>	-	01	127	190						ļ	
DF	4M	12	1	1	.0			1									
DF	4M	13	2	2	.0			2									
DF	4M	14	2	2	.0			2									
DF	4M	15	3	3	.1			3	1								
DF	4M	16		3				3								İ	
DF	4M	17		2	1			1	1								
DF	4M	18		2				2									
DF	4M	19		3	.1			3	1								
DF	4M	20	5	5	.1			2	1								
DF DF	4M 4M	21 22.	7	7	.2			7	3					ļ			
DF	4M	23	2	2	l :			2									
DF	4M	24		2	.0			2									
DF	4M	25	1	1	.0			1	1								
DF	4M	26	7	7	.2			5	2								
DF	4M	27	6	6	.2			6]			
DF	4M	28	1	1	.0		i	1						[
DF	4M	29	4	4	.1			4									
DF	4M	31	2	2	.0			2									
DF	4M	32	2	2	.0			2									
DF	4M	33	2	2	.0			2									
DF	4M	34	1	1	.0			1									
DF	4M	35	1	1	.0			1						ŀ			
	Ī	- 1			<u> </u>												

		R6W S13 Ty R6W S23 Ty).00 1.00		Proje Acre		RUI	NDUO 9	1.00					Page Date Time	5/7	2 /2024 29:06PM
	s	So Gr	Log	Gross	Def Ne	et	%			Net Volu	me by S	caling 1	Diamete	r in Inch	es			T
Spp	Т	rt de	Len	MBF	% ME	3F	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39 25+
DF		4M	37	2		2	.0			2								
DF		4M	38	1		1	.0			1								
DF		4M	40	2		2	.0				2		_					
DF		Totals		3,971		3,949	95.9			131	146	192	264	420	1157	1121	488	41
DF	S	2M	40	10		10	93.3									10		
DF	s	3M	25	1	•	1	6.7				1							
DF		Totals		11		11	.3		•		1					10		
WH		2M	20	7		7	9.1									7		
WH		2M	40	52	1.7	52	62.9						4	16	19		12	
WH		3M	40	8		8	9.2				5	2						
WH		4M	16	I		1	1.1			1								
WH	ļ	4M	19	0		0	.5			0								
WH		4M	27	1		1	1.0				1							
WH	ı	4M	39	13		13	16.2			13								
WH		Totals		83	1,1	82	2.0			15	6	2	4	16	19	7	12	
RC		2M	40	31		31	40.0						19		12			
RC	Ī	3M	40	42		42	54.3	•		27	11	4						
RC		4M	13	2		2	3.2			2								
RC		4M	16	1		1	.9			1								
RC		4M	23	1		1	1.6			1								
RC	1	Totals		78	-	78	1.9	-		31	11	4	19		12			
Total		All Species		4,143		4,120	100.0			177	164	198	288	127	1188	1139	500	4

TC PST.	ATS				OJECT oject	STATIS RUN	STICS IDUO			PAGE DATE	1 5/7/2024
TWP	RGE	SC TRACT		ГҮРЕ		AC	RES	PLOTS	TREES	CuFt	BdFt
T4N	R6	23 00U1	(00MC			71.00	29	135	S	W
					TREES		ESTIMATED TOTAL		ERCENT AMPLE		
		PLOTS	TREES		PER PLOT		TREES		TREES		
TOTA	L	29	135		4.7						
CRUIS DBH C REFO. COUN BLAN 100 %	COUNT REST IT KS	29	135		4.7		4,595		2.9		
				STA	ND SUMM	IARY					
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG	FIR	118	48.2	24.9	153	32.6	162.8	47,550	47,450	9,096	9,096
DOUG	FIR-S	7	4.3	20.4	100	2.1	9.7				
WR C		8	8.5	15.4	78	2.8	11.0	1,092	1,092	345	345
WHEN TOTA	ALOCK	2 135	3.8 <i>64.7</i>	11.6 23.0	86 135	0,8 <i>38.9</i>	2.8 186.2	503 49,145	503 49,046	98 9,539	98 9,539
CONI	FIDENC	E LIMITS OF THI	E SAMPLE								
	68	8.1 TIMES OUT	OF 100 THE	VOLUME '	WILL BE V	WITHIN TI	IE SAMPLE E	RROR			
CL	68.1	COEFF			SAMPL	E TREES -	BF	#	OF TREES RI	EQ.	INF. POP.
			0.700								4.
SD:	1.0	VAR.%	S.E.%	L	OW	AVG	HIGH		5	10	1;
DOUG	FIR	VAR.% 48.4	S.E.% 4.4	L	OW 1,227	AVG 1,284	1,342		5	10	1;
DOUG	FIR FIR-S	48.4	4.4	Lo	1,227	1,284	1,342		5	10	1;
DOUG DOUG WR CI	FIR FIR-S EDAR	48.4 112.5	4.4 42.4	L					5	10	1;
DOUG DOUG WR CI	FIR FIR-S EDAR MLOCK	48.4	4.4		1,227	1,284 211	1,342 301		151	38	
DOUG DOUG WR CI WHEN TOTA	FIR FIR-S EDAR MLOCK L	48.4 112.5 111.1 61.4	4.4 42.4 104.0		1,227 122 1,079	1,284 211 280 <i>1,139</i>	1,342 301 571 1,200	#		38	
DOUG DOUG WR CI WHEN	FIR FIR-S EDAR MLOCK	48.4 112.5 111.1	4.4 42.4 104.0		1,227 122 1,079	1,284 211 280	1,342 301 571 1,200	# /	151	38	INF. POP.
DOUG DOUG WR CI WHEN TOTA	FIR FIR-S EDAR ALOCK L 68.1 1.0	48.4 112.5 111.1 61.4 COEFF	4.4 42.4 104.0 5.3		1,227 122 <i>1,079</i> SAMPL 1	1,284 211 280 1,139 E TREES -	1,342 301 571 1,200 CF	# /	<i>151</i> Of trees ri	<i>38</i> EQ.	INF. POP.
DOUG DOUG WR CI WHEN TOTA CL SD:	FIR FIR-S FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR	48.4 112.5 111.1 61.4 COEFF VAR.%	4.4 42.4 104.0 5.3 S.E.%		1,227 122 1,079 SAMPLI	1,284 211 280 1,139 E TREES - AVG	1,342 301 571 1,200 CF HIGH	# 1	<i>151</i> Of trees ri	<i>38</i> EQ.	17 INF. POP.
DOUG DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN	FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5		1,227 122 1,079 SAMPL1 DW 231	1,284 211 280 1,139 E TREES - AVG 241 62 57	1,342 301 571 1,200 CF HIGH 250 83 117	#	151 OF TREES RI 5	38 EQ. 10	INF. POP.
DOUG DOUG WR CI WHEN TOTA CL SD: DOUG WR CI	FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9	4.4 42.4 104.0 5.3 S.E.% 3.9		1,227 122 1,079 SAMPLI DW 231	1,284 211 280 1,139 E TREES - AVG 241 62	1,342 301 571 1,200 CF HIGH 250		151 OF TREES RI 5	38 EQ. 10	17 INF. POP. 13
DOUG DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA	FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR-S EDAR MLOCK L 68.1 L 68.1 L 68.1 L 68.1	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A	1,284 211 280 1,139 E TREES - AVG 241 62 57 215	1,342 301 571 1,200 CF HIGH 250 83 117 225		151 OF TREES RI 5 123 OF PLOTS RI	38 EQ. 10 31	17 INF. POP. 15 14 INF. POP.
DOUG DOUG WR CI WHEN TOTA CL DOUG WR CI WHEN TOTA CL SD:	FIR SEDAR MLOCK LL 68.1 1.0 FIR-SEDAR MLOCK LL 68.1 1.0 FIR-SEDAR MLOCK LL 68.1 1.0	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.%	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.%	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG	1,342 301 571 1,200 CF HIGH 250 83 117 225		151 OF TREES RI 5	38 EQ. 10	17 INF. POP. 15 14 INF. POP.
DOUG DOUG WR CI SD: DOUG WR CI WHEN TOTA	FIR SEDAR MLOCK LL 68.1 1.0 FIR-SEDAR MLOCK LL 68.1 1.0 FI	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53		151 OF TREES RI 5 123 OF PLOTS RI	38 EQ. 10 31	17 INF. POP. 15 14 INF. POP.
DOUG DOUG WR CI WHEN TOTA CL DOUG WR CI WHEN TOTA CL SD: DOUG DOUG	FIR FIR-S EDAR MLOCK LL 68.1 1.0 FIR FIR-S EDAR MLOCK LL 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG	1,342 301 571 1,200 CF HIGH 250 83 117 225		151 OF TREES RI 5 123 OF PLOTS RI	38 EQ. 10 31	INF. POP.
DOUG DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: DOUG WHEN TOTA	FIR FIR-S EDAR MLOCK LL 68.1 1.0 FIR FIR-S EDAR MLOCK LL 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7		151 OF TREES RI 5 123 OF PLOTS RI	38 EQ. 10 31	17 INF. POP. 15 14 INF. POP.
DOUG DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: DOUG WHEN TOTA	FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S EDAR ### ### ### ### ### ### ### ### ### ##	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12		151 OF TREES RI 5 123 OF PLOTS RI	38 EQ. 10 31	17. INF. POP. 15. INF. POP. 15.
DOUG DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA DOUG WR CE WR CE WR CE WR CE	FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L L 68.1 1.0 FIR FIR-S EDAR MLOCK L L	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72	# (151 OF TREES RI 5 123 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10	17. INF. POP. 15. INF. POP. 15.
DOUG WR CI SD: DOUG WR CI SD: DOUG WR CI SD: DOUG WR CI SD: DOUG WR CI SD: DOUG WR CI WHEM TOTA	FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S EDAR ### ### ### ### ### ### ### ### ### ##	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72	# (151 OF TREES RI 5 123 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10	17 INF. POP. 14 INF. POP. 18 INF. POP.
DOUG DOUG WR CI SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S EDAR GLOCK L 68.1 1.0 FIR	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9 COEFF VAR.% 27.8	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7 11.7 S.E.% 5.3	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57 BASAL A DW 154	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65 AREA/ACI AVG 163	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72 RE HIGH	# (151 OF TREES RI 5 123 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10 6Q.	17 INF. POP. 14 INF. POP. 18 INF. POP.
DOUG DOUG WR CI SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: DOUG DOUG WR CI WHEN TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S EDAR (LOCK L	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9 COEFF VAR.% 27.8 285.6	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7 11.7 S.E.% 5.3 53.9	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57 BASAL A DW 154 4	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65 AREA/ACI AVG 163 10	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72 RE HIGH 171 15	# (151 OF TREES RI 5 123 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10 6Q.	17 INF. POP. 14 INF. POP. 18
DOUG DOUG WR CI SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CE WHEN TOTA CL SD: DOUG WR CE WHEN TOTA CL SD: DOUG WR CE WHEN TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S EDAR 68.1 1.0 FIR FIR-S EDAR 68.1 1.0 FIR FIR-S EDAR	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9 COEFF VAR.% 27.8 285.6 214.4	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7 11.7 S.E.% 5.3 53.9 40.5	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57 BASAL A DW 154 4 7	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65 AREA/ACI AVG 163 10 11	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72 RE HIGH 171 15 16	# (151 OF TREES RI 5 123 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10 6Q.	17 INF. POP. 14 INF. POP. 18 INF. POP.
DOUG WR CE WHEN TOTA CL SD: DOUG WR CE WHEN TOTA CL SD: DOUG WR CE WHEN TOTA CL SD: DOUG WR CE WHEN TOTA	FIR FIR-S EDAR (LOCK L 68.1 1.0 FIR FIR FIR FIR-S EDAR (LOCK L 68.1 1.0 FIR FIR FIR FIR FIR FIR FIR FIR FIR FIR	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9 COEFF VAR.% 27.8 285.6 214.4 373.9	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7 11.7 S.E.% 5.3 53.9 40.5 70.6	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57 BASAL A DW 154 4 7	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65 AREA/ACI AVG 163 10 11 3	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72 RE HIGH 171 15	# (151 OF TREES RI 5 123 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10 6Q.	17 INF. POP. 15 18 INF. POP. 15
DOUG DOUG WR CI SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CE WHEN TOTA CL SD: DOUG WR CE WHEN TOTA	FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L 68.1 1.0 FIR FIR-S EDAR MLOCK L	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9 COEFF VAR.% 27.8 285.6 214.4 373.9 28.9	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7 11.7 S.E.% 5.3 53.9 40.5	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57 BASAL A DW 154 4 7 1 176	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65 AREA/ACI AVG 163 10 11 3 186	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72 RE HIGH 171 15 16 5	# (151 OF TREES RI 5 123 OF PLOTS RI 5 159 OF PLOTS RE 5	38 EQ. 10 31 EQ. 10 40 EQ. 10	17. INF. POP. 15. 18. INF. POP. 15. 18. 44.
DOUG WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: DOUG WR CI WHEN TOTA CL SD: CL S	FIR FIR-S EDAR (ILOCK L L 68.1 1.0 FIR FIR-S EDAR (ILOCK L L 68.1 1.0 FIR FIR-S EDAR (ILOCK L L 68.1 1.0 FIR FIR-S EDAR (ILOCK L L 68.1 1.0 FIR FIR-S EDAR (ILOCK L L 68.1 1.0 FIR FIR-S EDAR (ILOCK L L 68.1 1.0 FIR FIR-S EDAR (ILOCK L 68.1 1.0 FIR FIR-S EDAR (ILOCK L 68.1 ILOCK ILOCK L 68.1 ILOCK I	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9 COEFF VAR.% 27.8 285.6 214.4 373.9 28.9 COEFF	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7 11.7 S.E.% 5.3 53.9 40.5 70.6	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57 BASAL A DW 154 4 7	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65 AREA/ACI AVG 163 10 11 3 186	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72 RE HIGH 171 15 16 5	# (151 OF TREES RI 5 123 OF PLOTS RI 5 159 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10 40 EQ. 10	17 INF. POP. 15 18 INF. POP. 15 18 INF. POP. 15 18 18 18 18 18 18 18 18 18 18 18 18 18
DOUG WHEM TOTA CL SD: DOUG WR CI WHEM TOTA CL SD: DOUG WR CI WHEM TOTA CL SD: CL SD: DOUG WR CI WHEM TOTA CL SD: DOUG WR CI WHEM TOTA CL SD: DOUG WR CI WHEM TOTA CL SD: DOUG WR CI WHEM TOTA	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S EDAR 60.1 1.0 FIR	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9 COEFF VAR.% 27.8 285.6 214.4 373.9 28.9	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7 11.7 S.E.% 5.3 53.9 40.5 70.6 5.4	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57 BASAL A DW 154 4 7 1 176 NET BF/	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65 AREA/ACI AVG 163 10 11 3 186	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72 RE HIGH 171 15 16 5 196	# (151 OF TREES RI 5 123 OF PLOTS RI 5 159 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10 EQ. 10 30 EQ. 10 30 EQ. 10	14 INF. POP. 15 INF. POP. 15
DOUG WR CE WHEM TOTA CL SD: DOUG WR CE WHEM TOTA CL SD: DOUG WR CE WHEM TOTA CL SD:	68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 FIR FIR-S EDAR 60.1 1.0 FIR FIR-S	48.4 112.5 111.1 61.4 COEFF VAR.% 42.9 90.9 114.8 55.6 COEFF VAR.% 49.3 328.4 218.0 453.7 61.9 COEFF VAR.% 27.8 285.6 214.4 373.9 28.9 COEFF VAR.%	4.4 42.4 104.0 5.3 S.E.% 3.9 34.3 107.5 4.8 S.E.% 9.3 62.0 41.2 85.7 11.7 S.E.% 5.3 53.9 40.5 70.6 5.4 S.E.%	Lo	1,227 122 1,079 SAMPLI DW 231 41 205 TREES/A DW 44 2 5 1 57 BASAL A DW 154 4 7 1 176 NET BF/DW	1,284 211 280 1,139 E TREES - AVG 241 62 57 215 ACRE AVG 48 4 9 4 65 AREA/ACI AVG 163 10 11 3 186 CACRE AVG	1,342 301 571 1,200 CF HIGH 250 83 117 225 HIGH 53 7 12 7 72 RE HIGH 171 15 16 5 196 HIGH	# (151 OF TREES RI 5 123 OF PLOTS RI 5 159 OF PLOTS RI 5	38 EQ. 10 31 EQ. 10 EQ. 10 30 EQ. 10 30 EQ. 10	17 INF. POP. 15 INF. POP. 15 INF. POP. 15 INF. POP. 15

TC PST	ATS				PROJECT PROJECT		STICS NDUO			PAGE DATE	2 5/7/2024
TWP	RGE	SC	TRACT	TYP	E	A	CRES	PLOTS	TREES	CuFt	BdFt
T4N	R6	23	00U1	00M0	2		71.00	29	135	S	W
CL	CL 68.1 COEFF				NET B	F/ACRE			# OF PLOTS	S REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
тот	A L		29.6	5.6	46,303	49,046	51,788		36	9	4
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS RI	ΞQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOU	3 FIR		29.6	5.6	8,588	9,096	9,604				
DOU	3 FIR-S										
WR C	EDAR		221.5	41.8	201	345	489				
WHE	MLOCK		394.2	74.4	25	98	171				
TOT	A L		25.8	4.9	9,073	9,539	10,004		28	7	3

TC	PSPCSTGR		Sį	oecies, S	ort Gra	de - Board F	oot V	olum	es (Pr	oject)								
ТТ	'4N RR6W S23	Ту00МС	<u> </u>	71.00		Project: Acres	RU	71.0								Page Date Time		17/2024 32:46	1
		%								d Foot	Volume						ige Log		Logs
	S So Gr	Net		per Acre	27.	Total		Log Sca					ength		Ln			CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF	4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Acre
DF	2M	87	.2	41,560	41,460	2,944			27	73				100	40		509	2.30	81.5
DF	3M	11		5,162	5,162	366		100				2	1	97	39	9	111	0.73	46.7
DF	4M	2		828	828	59		100			33	54	9	3	21	6	30	0.42	27.3
DF	Totals	97	.2	47,550	47,450	3,369		13	24	64	1	1	0	98	37	13	305	1.60	155.5
DF	S CU				•										34	10		0.00	9.5
DF	Totals														34	10		0.00	9.5
RC	2M	40		437	437	31			61	39				100		14	286	2.00	1.5 7.9
RC	3M	54		593 62	593 62	42 4		100 100			72	28		100	40 16	7 6	75 23	0.65 0.37	2.7
RC	4M	6		62	62	4		100			12	20			10	-	23	0.57	2.7
RC	Totals	2		1,092	1,092	78		60	24	16	4	2		94	35	8	90	0.82	12.1
WH	2M	45		228	228	16			100					100	40		360	1.60	.6
WH	3M	15		76	76	5		100						100	40	9	120	0.83	.6
WH	4M	40		200	200	14		100			6			94	35	6	53	0.28	3.8
WH	Totals	1		503	503	36		55	45		3			97	36	8	100	0.54	5.0
Total	ls		0.2	49,145	49,046	3,482		14	24	62	1	1	0	98	36	12	269	1.45	182.1

TC PSTNDSUM		Stand 7	Table Summary			Page Date:	1 5/7/2024
TT4N RR6W S23 T	y00MC 71.00	Project	RUNDUO			Time:	2:32:48PM
		Acres	71.0	00		Grown Year	:
	Tot		Average Log	Net	Net		

DE	<u></u>							Acres		71.0				Grown Year:	<u>. </u>	
DE		DBH	-		Av	1		-	Net	Net		Cu.Ft.	Bd.Ft.	Tons		MBF
DE	DF	11	1		82				1							9
DP	DF								i .							14
DP 18 5 89 136 3923 6.90 11.71 27.9 127.3 9.32 327 1.401 662 222 10 DP 20 3 88 145 11.897 4.14 5.69 36.0 1164.4 5.83 205 936 441 145 5 DP 21 2 90 138 11.47 2.76 3.44 38.9 186.7 3.81 134 642 271 35 4 DP 22 5 89 150 2.613 6.90 7.81 44.9 212.7 10.04 352 1.667 713 250 DP 24 8 89 155 3.512 11.03 11.85 50.0 241.9 16.80 93 2.867 11.39 421 20 DP 24 8 89 165 2.993 11.03 11.85 50.0 241.9 16.80 93 2.867 11.39 421 20 DP 26 8 89 160 2.993 11.03 10.10 60.2 306.7 17.32 608 3.098 11.230 443 222 DP 27 10 80 163 3.460 13.79 12.49 62.8 352.8 22.35 784 41.56 11.587 557 20 DP 28 6 90 170 19.35 8.28 7.42 66.3 356.5 14.03 402 2.645 996 340 18. DP 29 13 90 181 3.909 17.99 15.64 71.3 300.6 31.79 11.78 6.07 7.92 43 DP 30 11 89 171 3.09 15.17 11.80 74.8 3983 2.51.6 883 4.701 1.78 6.70 7.92 43 DP 31 4 89 176 10.53 5.52 4.21 78.3 425.6 0.39 30.3 17.70 1.78 6.07 3.30 DP 31 4 89 176 10.53 5.52 4.21 78.3 425.6 0.39 30.3 17.70 1.78 6.07 3.3 1.00 DP 32 5 88 174 1.235 6.90 4.94 88.4 44.50 11.73 412 2.228 833 2.20 1.00 DP 32 6 8 8 178 1.161 6.90 4.44 9.12 50.75 12.00 421 2.409 852 2.00 DP 33 5 89 178 1.161 6.90 4.44 9.12 50.75 12.00 421 2.409 852 2.99 11.00 DP 34 5 89 178 1.161 6.90 4.44 9.12 50.75 12.00 421 2.409 852 2.99 11.00 DP 35 6 4 88 177 1.58 1.38 5.52 3.12 10.55 595.0 9.39 329 1.88 667 2.34 112 DP 36 6 18 6 18 8 1.77 1.58 1.38 5.52 3.12 10.55 5.95.0 9.39 329 1.88 667 2.34 112 DP 37 6 18 18 10.94 6.90 4.38 96.2 550.5 12.00 421 2.409 852 2.99 17.00 DP 38 6 4 88 175 7.78 1.55.2 3.12 10.55 5.95.0 9.39 329 1.88 667 2.34 112 DP 36 6 18 8 0.75 1.38 1.38 5.51 13.3 747.5 2.37 83 473 168 59 22 41 11.00 DP 36 6 18 8 0.75 1.38 1.38 5.51 13.3 1.50 1.50 1.70 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.0	DF								l					l		
DE 20 3 88 145 1.897 4.14 5.69 3.60 1644 5.83 205 945 414 145 6 6 1	DF													l		
DE 21 2 90 138						i .			1					Ī		
Dec 22 5 89 159 2.613 6.90 7.84 44.9 212.7 10.04 352 1.667 713 250 11.0						1								I		
DE 23 1 89 159											i			l		
DE 24 8 8 89 155 3.512 11.03 11.85 50.0 241.9 16.89 593 2,867 11.199 421 20 DE 25 12 89 161 4.856 16.55 16.59 532 26.08 25.75 903 4,499 1.828 641 31: DE 26 8 89 160 2.993 11.03 10.01 60.2 30.67 17.32 668 3,098 1,230 432 22: DE 27 10 89 163 3.469 13.79 12.49 62.8 332.8 22.35 784 4,156 1.587 557 29 DE 29 13 90 181 3.909 182 3.809 17.03 15.64 71.3 390.6 31.79 1,115 6,107 2,257 792 43 DE 30 11 89 171 3.091 15.17 11.80 74.8 398.3 52.16 883 4,701 1,786 627 33 DE 31 4 89 176 1.033 5.52 4.21 78.3 42.5 6.99 330 1,792 667 234 12. DE 32 5 88 174 1.235 6.90 4.94 83.4 451.0 11.73 412 2,228 833 292 15. DE 33 5 89 178 1.161 6.90 4.4 89.1 25.05 5.1 10.03 424 2.22.8 833 292 15. DE 35 3 88 181 6.19 4.14 2.48 104.5 602.5 75.0 12.08 424 2.357 857 149 3.00 18.0											i			1		
DE 25 12 89 161 4.856 16.55 16.99 53.2 264.8 25.75 90.3 4.499 1.828 641 31: DE 26 8 89 160 2.993 11.03 10.10 60.2 306.7 17.32 608 3.098 1.1.330 432 22: DE 27 10 89 163 3.469 13.79 12.49 62.8 33.82.8 22.35 784 4.156 1.887 557 22: DE 28 6 90 170 1.935 8.28 74.2 66.3 356.5 14.03 4.92 2.645 996 349 18. DE 29 13 90 181 3.3099 17.93 15.64 71.3 390.6 31.79 11.15 6,107 2.257 792 48. DE 30 11 89 171 3.091 15.17 11.80 74.8 398.3 25.16 883 4,701 1.786 627 33. DE 31 4 89 176 1.053 5.52 4.21 78.3 425.6 9.39 330 1,792 667 234 12. DE 33 5 88 174 1235 6.90 4.94 83.4 451.0 11.73 412 2.28 833 292 12. DE 33 5 89 178 1.161 6.90 4.64 91.2 507.5 12.08 424 2.357 887 301 16. DE 34 5 89 178 1.094 6.90 4.38 96.2 550.5 12.00 421 2,409 852 299 17. DE 35 3 89 181 6.19 4.14 2.48 104.5 602.5 7.38 229 1.493 524 184 10. DE 36 4 88 175 .781 5.52 3.12 105.5 595.0 9.39 3.39 1.888 667 2.34 184 10. DE 37 1 84 166 .188 1.38 5.3 18.5 138 5.7 1.5 133.3 747.5 2.37 83 473 168 59 3.00 10. 1 88 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 3.00 10. 1 88 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 3.00 10. 1 88 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 3.00 10. 1 88 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 3.00 10. 1 88 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 3.00 10. 1 81 123 6.32 1.38 1.09 1.38 1.09 1.00 1.38 1.15 1.39 91 124 666 2.8 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.	- 1															204
DE 26 8 8 9 160 2.993 11.03 10.10 60.2 306.7 17.32 60.8 3,098 1.230 432 22 DE 7 7 10 89 163 3.469 13.79 12.49 66.8 332.8 22.35 784 41.61 1.187 557 29 DE 28 6 90 170 1.935 8.28 7.42 66.3 332.8 22.35 784 41.61 1.187 557 29 DE 29 13 90 181 3.909 181 3.909 171 1.3091 15.17 11.80 74.8 398.3 25.16 883 4.701 7.2257 792 43 DE 30 11 89 171 3.091 15.17 11.80 74.8 398.3 25.16 883 4.701 7.786 627 33 DE 31 4 89 176 1.053 5.52 4.21 78.3 425.6 9.3 30 1.792 667 234 12 DE 32 5 88 174 1.235 6.90 4.94 83.4 451.0 11.73 412 2.228 833 292 151 DE 33 5 89 178 1.161 6.90 4.44 91.2 597.5 12.08 424 2.357 887 301 160 DE 34 5 89 178 1.094 6.90 4.38 96.2 550.5 12.00 421 2.409 852 299 17 DE 35 3 89 181 6.19 4.14 2.48 104.5 602.5 7.38 259 1.493 524 184 100 DE 36 4 88 175 7.81 5.52 3.12 105.5 595.0 9.39 30 1.792 852 299 17 DE 37 1 84 166 1.185 1.38 5.55 133.3 716.7 2.10 74 397 149 52 2. DE 40 1 8 8 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 22 DE 40 1 8 8 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 22 RCC 11 1 1 81 78 2.099 1.38 1.29 17.1 60.0 84 36 105 59 25 RCC 13 1 1 80 75 1.466 1.38 1.50 23.8 70.0 .84 36 105 59 25 RCC 14 1 7.7 64 9.88 1.38 9.99 1.38 1.99 36.9 70.0 .86 36 6.9 61 226 23 RCC 14 1 7.7 64 9.88 1.38 9.99 3.6.9 70.0 .86 3.6 6.9 61 226 23 RCC 15 1 81 80 75 1.486 1.38 1.59 23.8 1.00 1.06 60.0 .77 33 77 54 23 18 RCC 22 1 81 80 .573 1.38 1.15 1.99 115.0 1.08 46 132 76 32 RCC 15 1 81 80 .753 1.38 1.15 1.99 115.0 1.08 46 132 76 32 RCC 15 1 81 80 .753 1.38 1.15 1.99 115.0 1.08 46 132 76 32 RCC 15 1 81 80 .753 1.38 1.15 39.9 115.0 1.08 1.18 36 1.09 2.39 99 42 17 RCC 70 1 81 223 1.38 1.90 3.18 1.15 39.9 115.0 1.08 46 132 76 32 RCC 15 1 81 80 .575 1.38 1.90 3.18 1.15 39.9 115.0 1.08 46 132 76 32 RCC 15 1 81 80 .575 1.38 1.90 3.18 1.15 39.9 115.0 1.08 46 132 76 32 RCC 15 1 81 80 .575 1.38 1.90 3.18 1.15 39.9 115.0 1.08 16 132 76 32 RCC 15 1 81 80 .575 1.38 1.90 3.18 1.15 39.9 115.0 1.08 16 132 76 32 RCC 15 1 81 80 .575 1.38 1.90 3.18 1.15 39.9 115.0 1.08 1.18 1.47 75 24 1.18 RCC 16 1 88 109 1.21 1.31 1.38 1.00 3.13 1.00 3.13 1														· ·		
DF 27 10 89 163 3.469 13.79 12.49 62.8 332.8 22.35 784 4.156 1.587 557 29 DF 28 6 90 170 1.935 8.28 7.42 66.3 356.5 14.03 492 2.645 996 349 180 DF 29 13 90 181 3.909 17.93 15.64 71.3 390.6 31.79 11.15 6.107 2.257 792 43 30.0 11 89 171 3.091 15.17 11.80 74.8 398.3 251.6 88.3 4.701 1.786 627 33 DF 31 4 89 176 1.053 5.52 4.21 78.3 425.6 9.39 330 1.792 667 2.24 12 31 4 4.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1																220
DE 28 6 90 170 1.935 8.28 7.42 66.3 356.5 14.03 492 2.645 996 349 18 29 13 90 181 3.990 181 3.990 181 3.990 181 3.990 181 180 73 3.991 15.17 11.80 74.8 398.3 25.16 883 4.701 1.786 627 33 DF 31 4 8 9 176 1.053 5.52 4.21 78.3 425.6 9.39 330 1.792 6667 2.44 12 DF 32 5 88 174 1.235 6.90 4.94 83.4 451.0 11.73 412 2.228 833 2.92 175 DF 32 5 88 174 1.235 6.90 4.94 83.4 451.0 11.73 412 2.228 833 2.92 175 DF 32 5 88 178 1.161 6.90 4.64 91.2 507.5 12.08 424 2.357 857 301 16 10 10 10 10 10 10 10 10 10 10 10 10 10	1					1										295
DE 29 13 90 181 3.909 17.93 15.64 71.3 390.6 31.79 1.115 6.107 2.257 792 43 30 11 89 171 3.091 15.17 11.80 74.8 398.3 25.16 883 4.701 1.786 627 334 12 DE 30 11 89 176 1.053 5.52 4.21 78.3 425.6 9.39 330 1.792 667 234 12 DE 32 5 88 174 1.255 6.90 4.94 83.4 451.0 11.73 412 2.228 833 292 155 DE 33 5 89 178 1.046 6.90 4.64 91.2 507.5 12.08 424 2.357 857 301 16 DE 34 5 89 178 1.046 6.90 4.64 91.2 507.5 12.08 424 2.357 857 301 16 DE 34 5 89 178 1.046 6.90 4.64 91.2 507.5 12.08 424 2.357 857 301 16 DE 34 6 8 8 175 7.81 5.52 3.12 105.5 550.5 12.00 421 2.409 852 299 17 DE 35 3 89 181 6.19 4.14 2.48 104.5 602.5 7.38 259 1.493 524 184 100 DE 36 4 88 175 .781 5.52 3.12 105.5 595.0 9.39 329 1.858 667 234 184 100 DE 36 4 88 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 3.0 DE 40 1 88 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 3.0 DE 40 1 88 177 1.158 1.38 6.3 131.3 747.5 2.37 83 473 168 59 3.0 DE 7 Totals 118 89 153 48.180 162.76 155.46 58.5 305.2 259.23 9,096 47.450 18.405 6.458 3.366 RC 11 1 1 81 78 2.090 1.38 2.09 17.1 600 8.4 36 125 60 2.5 1.0 RC 14 1 79 62 1.290 1.38 1.29 25.3 600 7.7 33 77 54 2.3 RC 15 1 80 77 1.124 1.38 2.25 17.5 55.0 9.3 39 124 666 28 RC 16 1 75 64 9.88 1.38 1.99 31.8 11.5 39.9 11.50 1.08 46 132 76 32 RC 20 1 81 123 6.62 1.38 1.99 31.8 11.5 39.9 11.50 1.08 46 132 76 32 RC 21 1 81 80 573 1.38 1.99 31.8 11.5 39.9 11.50 1.08 46 132 76 32 RC 21 1 81 80 573 1.38 1.99 31.8 11.5 39.9 11.50 1.08 46 132 76 32 RC 21 1 81 80 573 1.38 1.99 31.8 11.5 39.9 11.50 1.00 3.13 98 503 223 70 36 DE S 15 1 8 8 99 121 .701 1.38 DE S 15 1 8 8 99 121 .701 1.38 DE S 17 1 88 109 1.21 .701 1.38 DE S 17 1 88 109 1.21 .701 1.38 DE S 15 1 8 8 99 1.124 7.01 1.38 DE S 10 1 87 74 2.23 1.38 DE S 10 1 87 74 2.23 1.38 DE S 10 1 87 74 2.23 1.38 DE S 10 1 8 9 99 2.447 1.38 DE S 10 1 8 9 99 2.447 1.38 DE S 10 1 8 9 99 2.447 1.38 DE S 10 1 8 9 99 2.447 1.38 DE S 10 10 18 77 88 100 4.271 9.66						1										188
DF 30						1										434
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DF 32 5 88 174 1.235 6.90 4.94 83.4 451.0 11.73 412 2.228 833 292 155 DF 33 5 89 178 1.161 6.90 4.64 912 507.5 12.08 424 2,337 857 301 16 DF 34 5 89 178 1.094 6.90 4.38 96.2 550.5 12.00 421 2,409 852 299 179 DF 35 3 89 181 6.619 4.14 2.48 104.5 602.5 7.38 259 1.493 524 184 100 DF 36 4 88 175 7.81 5.52 3.12 105.5 595.0 9.39 329 1.838 667 234 133 DF 37 1 84 166 1.85 1.38 5.55 133.3 716.7 2.10 74 397 149 52 22 DF 40 1 88 177 .158 1.38 65 131.3 747.5 2.37 83 473 168 59 3. DF 40 1 88 177 .158 1.38 6.51 131.3 747.5 2.37 83 473 168 59 3. RC 111 1 81 78 2.090 1.38 2.09 17.1 60.0 8.4 36 125 60 25 RC 13 1 80 75 1.496 1.38 1.50 23.8 70.0 84 36 105 59 25 60 RC 14 1 79 62 1.290 1.38 1.29 25.3 60.0 7.7 33 77 54 23 18.8 RC 15 1 80 77 1.124 1.38 2.25 17.5 55.0 93 39 124 66 28 18.8 RC 16 1 75 64 9.88 1.38 1.90 31.8 1.90 31.8 1.67 1.42 60 221 101 43 18.8 RC 20 1 81 123 6.32 1.38 1.90 31.8 1.16 7.14 60 221 101 43 18.8 RC 21 1 81 119 3.23 1.38 1.90 31.8 1.16 7.14 1.38 75 2.21 101 43 18.8 RC 21 1 81 119 3.23 1.38 1.90 31.8 1.16 7.14 2.60 221 101 43 18.8 RC 22 1 1 81 80 5.73 1.38 1.15 39.9 115.0 1.08 46 132 76 32 18.8 RC 10 18 1 80 78 8.517 11.03 12.12 28.5 90.1 8.11 345 1.092 576 245 77. RC 15 1 88 98 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8						1										127
DEF 33 5 89 178 1.161 6.90 4.64 91.2 507.5 12.08 424 2.357 857 301 16 DEF 34 5 89 178 1.094 6.90 4.38 96.2 550.5 12.00 421 2.409 852 2.99 17 DEF 35 3 89 181 6.19 4.14 2.48 104.5 602.5 7.38 259 1.493 524 184 10 DEF 36 4 88 175 7.781 5.52 3.12 105.5 595.0 9.39 3.29 1.858 667 2.34 133 DEF 37 1 84 166 1.85 1.38 5.5 133.3 716.7 2.10 74 397 149 52 2. DEF 40 1 88 177 1.58 1.38 6.3 131.3 747.5 2.37 8.3 473 168 59 DEF Totals 118 89 153 48.180 162.76 155.46 58.5 305.2 2592.3 9,096 47,450 18,405 6,458 3,360 RC 11 1 1 81 78 2.090 1.38 2.09 17.1 60.0 .84 36 105 59 25 RC 14 1 79 62 1.290 1.38 1.50 23.8 70.0 .84 36 105 59 25 RC 15 1 80 77 1.124 1.38 2.25 17.5 55.0 93 39 124 666 2.8 57 RC 16 1 75 64 .988 1.38 .99 36.9 70.0 .86 36 69 61 2.6 RC 20 1 81 123 6.632 1.38 1.90 31.8 116.7 1.42 60 221 101 43 14 RC 21 1 81 80 .573 1.38 1.90 31.8 116.7 1.42 60 221 101 43 14 RC 21 1 81 80 .573 1.38 1.90 31.8 116.7 1.42 60 221 101 43 14 RC 21 1 81 80 .573 1.38 1.90 34.1 166.7 2.07 65 316 147 46 22 WH 9 1 91 79 3.122 1.38 3.12 10.6 60.0 1.06 33 187 75 24 11 RC 15 1 88 99 8 1.31 3.3 99 36.9 70.0 3.13 98 503 223 70 36 DEF S 15 1 88 99 2.247 1.38 1.38 1.50 2.13 1.38 1.50 2.25 50.1 1.08 46 132 76 221 101 43 14 RC 21 1 81 80 .573 1.38 1.15 39.9 115.0 1.08 46 132 76 221 101 43 14 RC 21 1 81 80 .573 1.38 1.90 31.8 116.7 1.42 60 221 101 43 14 RC 21 1 81 80 .573 1.38 1.90 31.8 116.7 1.42 60 221 101 43 14 RC 21 1 81 80 .573 1.38 1.90 31.8 116.7 1.42 60 221 101 43 14 RC 21 1 81 80 .573 1.38 1.90 31.8 116.7 1.42 60 221 101 43 14 RC 21 1 81 80 .573 1.38 1.90 31.8 116.7 2.07 65 316 147 46 22 RC 15 1 88 98 98 1.124 1.38 1.50 2.91 8.10 8.10 8.10 8.10 8.10 8.10 8.10 8.1	- 1					1										158
DF 34 5 89 178 1.094 6.90 4.38 96.2 550.5 12.00 421 2.409 852 299 177 DF 35 3 89 181 6.619 4.14 2.48 104.5 602.5 7.38 259 1.4093 524 184 100 DF 36 4 88 175 781 5.52 3.12 105.5 595.0 9.39 329 1.858 667 234 133 DF 37 1 84 166 .185 1.38 .55 133.3 716.7 2.10 74 397 149 52 2.2 DF 40 1 88 177 .158 1.38 .63 131.3 747.5 2.37 83 473 168 59 3 DF Totals 118 89 153 48.180 162.76 155.46 58.5 305.2 259.23 9.096 47,450 18.405 6.458 3,366 RC 11 1 81 78 2.090 1.38 2.09 17.1 60.0 84 36 125 60 25 18.808 75 1.496 1.38 1.29 25.3 60.0 .77 33 77 54 23 18 RC 13 1 80 77 1.124 1.38 2.25 17.5 55.0 9.3 39 124 66 28 19 18 18 18 19 18 18 19 18 123 6.32 138 1.09 13.8 116.7 14.2 60 221 101 43 14 18 18 123 6.32 138 1.90 13.8 116.7 14.2 60 221 101 43 14 19 18 19 18 19 19 19 19 323 1.38 1.90 31.8 116.7 14.2 60 221 101 43 14 19 18 19 19 19 19 323 1.38 1.90 34.1 166.7 2.67 1.39 59 239 99 42 11 18 18 19 19 179 3.122 1.38 3.12 10.6 60.0 1.06 33 187 75 24 11 18 18 19 19 19 19 30 3.1 1.38 1.59 34.1 166.7 2.07 65 316 147 46 22 11 18 18 18 19 19 18 1.38 1.59 3.14 166.7 2.07 65 316 147 46 22 11 18 18 18 19 19 18 18 18 19 19 18 18 18 19 19 18 18 18 19 19 18 18 18 19 19 18 18 18 19 19 18 18 18 19 19 18 18 18 19 18 18 18 19 18 18 18 19 18 18 18 19 18 18 18 19 18 18 18 19 18 18 18 18 18 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18						l .										167
DF 35 3 89 181 .619 4.14 2.48 104.5 602.5 7.38 259 1,493 524 184 100 DF 36 4 88 175 .781 5.52 3.12 105.5 595.0 9.39 329 1,858 667 234 133 DF 37 1 84 166 .185 1.38 .55 133.3 716.7 2.10 74 397 149 52 22 DF 40 1 88 177 .158 1.38 .63 131.3 747.5 2.37 83 473 168 59 3 DF Totals 118 89 153 48.180 162.76 155.46 58.5 305.2 2592.3 9.096 47,450 18,405 6.458 3,361 RC 111 1 81 78 2.090 1.38 2.09 17.1 60.0 8.4 36 125 60 25 32 RC 13 1 80 75 1.496 1.38 1.50 23.8 70.0 8.4 36 105 59 25 32 RC 14 1 79 62 1.290 1.38 1.29 25.3 60.0 .77 33 77 54 2.3 32 RC 15 1 80 77 1.124 1.38 2.25 17.5 55.0 9.3 39 124 666 28 32 RC 16 1 75 64 9.98 1.38 9.9 36.9 70.0 8.6 36 69 61 26 32 RC 20 1 81 123 6.32 1.38 1.90 31.8 116.7 1.42 60 221 101 43 16 RC 21 1 81 80 573 1.38 1.50 31.8 116.7 1.42 60 221 101 43 16 RC 22 1 1 81 80 573 1.38 1.50 31.8 116.7 1.42 60 221 101 43 16 RC 22 1 1 81 80 573 1.38 1.50 246.7 11.03 12.12 28.5 90.1 8.11 345 1.092 576 245 70 RC 38 1 81 119 3.23 1.38 97 61.0 246.7 1.39 59 239 99 42 11 RC Totals 8 80 78 8.517 11.03 12.12 28.5 90.1 8.11 345 1.092 576 245 70 WH 9 1 91 79 3.122 1.38 3.19 0.34.1 166.7 2.07 65 316 147 46 22 WH Totals 2 91 86 3.754 2.76 5.02 19.5 100.3 3.13 98 503 223 70 36 DF S 15 1 88 99 2247 1.38 DF S 17 1 88 109 .875 1.38 DF S 30 1 85 65 .281 1.38 DF S 31 1 87 74 .263 1.38 1.90 DF S 32 1 89 99 .247 1.38						ı						421		852	299	171
DF 36 4 88 175															184	106
DF 37													•	667	234	132
DF 40	1								133.3		2.10	74		149	52	28
RC 11 1 81 78 2.090 1.38 2.09 17.1 60.0 84 36 125 60 25 18	DF	40	1	88	177	.158	1.38	.63	131.3	747.5	2.37	83	473	168	59	34
RC 13 1 80 75 1.496 1.38 1.50 23.8 70.0 8.4 36 105 59 25 RC 14 1 79 62 1.290 1.38 1.29 25.3 60.0 .77 33 77 54 23 RC 15 1 80 77 1.124 1.38 2.25 17.5 55.0 93 39 124 66 28 RC 16 1 75 64 .988 1.38 .99 36.9 70.0 8.6 36 69 61 26 RC 20 1 81 123 .632 1.38 1.90 31.8 116.7 1.42 60 221 101 43 16 RC 21 1 81 80 .573 1.38 1.15 39.9 115.0 1.08 46 132 76 32 RC 28 1 81 119 .323 1.38 .97 61.0 246.7 1.39 59 239 99 42 1' RC Totals 8 80 78 8.517 11.03 12.12 28.5 90.1 8.11 345 1.092 576 245 77 WH 9 1 91 79 3.122 1.38 3.12 10.6 60.0 1.06 33 187 75 24 11 WH 20 1 93 120 .632 1.38 1.90 34.1 166.7 2.07 65 316 147 46 22 WH Totals 2 91 86 3.754 2.76 5.02 19.5 100.3 3.13 98 503 223 70 36 DES 15 1 88 98 1.124 1.38 DES 17 1 88 109 8.75 1.38 DES 3 1 87 74 2.263 1.38 1.38 DES 3 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 87 74 2.263 1.38 DES 3 1 1 89 99 .247 1.38	DF	Totals	118	89	153	48.180	162,76	155.46	58.5	305.2	259.23	9,096	47,450	18,405	6,458	3,369
RC 14 1 79 62 1.290 1.38 1.29 25.3 60.0 .77 33 77 54 23 18	RC	11	1	81	78	2.090	1.38	2.09	17.1	60.0	.84	36	125	60		9
RC 15 1 80 77 1.124 1.38 2.25 17.5 55.0 .93 39 124 66 28 18 18 175 64 .988 1.38 .99 36.9 70.0 .86 36 69 61 26 18 18 123 .632 1.38 1.90 31.8 116.7 1.42 60 221 101 43 16 RC 21 1 81 80 .573 1.38 1.15 39.9 115.0 1.08 46 132 76 32 18 119 .323 1.38 .97 61.0 246.7 1.39 59 239 99 42 17 RC 28 1 81 119 .323 1.38 .97 61.0 246.7 1.39 59 239 99 42 17 RC Totals 8 80 78 8.517 11.03 12.12 28.5 90.1 8.11 345 1.092 576 245 71 WH 9 1 91 79 3.122 1.38 3.12 10.6 60.0 1.06 33 187 75 24 12 WH 20 1 93 120 .632 1.38 1.90 34.1 166.7 2.07 65 316 147 46 22 WH Totals 2 91 86 3.754 2.76 5.02 19.5 100.3 3.13 98 503 223 70 36 DFS 15 1 88 98 1.124 1.38 DFS 17 1 88 109 .875 1.38 DFS 18 1 85 94 .781 1.38 DFS 30 1 85 65 .281 1.38 DFS 31 1 87 74 .263 1.38 DFS 32 1 89 99 .247 1.38 DFS 32 1 89 89 99 .247 1.38 DFS 33 1 87 87 87 88 100 4.271 9.66	RC	13	1	80	75	1.496	1.38	1.50	23.8	70.0	.84	36	105	59		7
RC 16	RC	14	1	79	62	1.290	1.38	1.29	25.3	60.0	.77	33	. 77			5
RC 20 1 81 123 632 1.38 1.90 31.8 116.7 1.42 60 221 101 43 148 RC 21 1 81 80 .573 1.38 1.15 39.9 115.0 1.08 46 132 76 32 18 RC 28 1 81 119 .323 1.38 .97 61.0 246.7 1.39 59 239 99 42 17 RC Totals 8 80 78 8.517 11.03 12.12 28.5 90.1 8.11 345 1,092 576 245 78 WH 9 1 91 79 3.122 1.38 3.12 10.6 60.0 1.06 33 187 75 24 12 WH 20 1 93 120 .632 1.38 1.90 34.1 166.7 2.07 65 316 147 46 22 WH Totals 2 91 86 3.754 2.76 5.02 19.5 100.3 3.13 98 503 223 70 36 DFS 15 1 88 98 1.124 1.38 DFS 17 1 88 109 .875 1.38 DFS 18 1 85 94 .781 1.38 DFS 30 1 85 65 .281 1.38 DFS 31 1 87 74 .263 1.38 DFS 31 1 87 74 .263 1.38 DFS 32 1 89 99 .247 1.38 DFS 32 1 89 99 .247 1.38 DFS 32 1 89 99 .247 1.38 DFS 32 1 89 99 .247 1.38 DFS Totals 7 88 100 4.271 9.66	RC	15	1	80	77	1.124	1.38	2.25	17.5	55.0	.93	39				9
RC 21	RC	16	1	75	64	.988	1.38	.99	36.9	70.0						5
RC 28 1 81 119 323 1.38 97 61.0 246.7 1.39 59 239 99 42 17 RC Totals 8 80 78 8.517 11.03 12.12 28.5 90.1 8.11 345 1,092 576 245 71 WH 9 1 91 79 3.122 1.38 3.12 10.6 60.0 1.06 33 187 75 24 13 WH 20 1 93 120 .632 1.38 1.90 34.1 166.7 2.07 65 316 147 46 22 WH Totals 2 91 86 3.754 2.76 5.02 19.5 100.3 3.13 98 503 223 70 36 DFS 15 1 88 98 1.124 1.38 DFS 17 1 88 109 .875 1.38 DFS 18 1 85 94 .781 1.38 DFS 30 1 85 65 .281 1.38 DFS 31 1 87 74 .263 1.38 DFS 32 1 89 99 .247 1.38 DFS Totals 7 88 100 4.271 9.66	RC	20	1	81	123											16
RC Totals 8 80 78 8.517 11.03 12.12 28.5 90.1 8.11 345 1,092 576 245 71 WH 9 1 91 79 3.122 1.38 3.12 10.6 60.0 1.06 33 187 75 24 13 WH 20 1 93 120 .632 1.38 1.90 34.1 166.7 2.07 65 316 147 46 22 WH Totals 2 91 86 3.754 2.76 5.02 19.5 100.3 3.13 98 503 223 70 36 DFS 15 1 88 98 1.124 1.38 DFS 17 1 88 109 .875 1.38 DFS 18 1 85 94 .781 1.38 DFS 19 1 90 121 .701 1.38 DFS 30 1 85 65 .281 1.38 DFS 31 1 87 74 .263 1.38 DFS 32 1 89 99 .247 1.38 DFS 7 totals 7 88 100 4.271 9.66	RC					ı										9
WH 9 1 91 79 3.122 1.38 3.12 10.6 60.0 1.06 33 187 75 24 13 WH 20 1 93 120 .632 1.38 1.90 34.1 166.7 2.07 65 316 147 46 23 WH Totals 2 91 86 3.754 2.76 5.02 19.5 100.3 3.13 98 503 223 70 36 DFS 15 1 88 98 1.124 1.38 DFS 17 1 88 109 .875 1.38 DFS 18 1 85 94 .781 1.38 DFS 19 1 90 121 .701 1.38 DFS 30 1 85 65 .281 1.38 DFS 31 1 87 74 .263 1.38 DFS 32 1 89 99 .247 1.38 DFS 7 88 100 4.271 9.66	RC	28	1	81	119	.323	1.38	.97	61.0	246.7	1.39	59	239	99	42	17
WH	RC	Totals	8	80	78	8.517	11.03	12.12	28.5	90.1	8.11	345	1,092	576	245	78
WH Totals 2 91 86 3.754 2.76 5.02 19.5 100.3 3.13 98 503 223 70 30 DFS 15 1 88 98 1.124 1.38 DFS 17 1 88 109 .875 1.38 DFS 18 1 85 94 .781 1.38 DFS 19 1 90 121 .701 1.38 DFS 30 1 85 65 .281 1.38 DFS 31 1 87 74 .263 1.38 DFS 32 1 89 99 .247 1.38 DFS Totals 7 88 100 4.271 9.66	WH	9	1	91	79	3.122	1.38	3.12	10.6	60.0	1.06	33	187	75	24	13
DF S	WH	20	1	93	120	.632	1.38	1.90	34.1	166.7	2.07	65	316	147	46	22
DFS 17 1 88 109 8.75 1.38 DFS 18 1 85 94 7.781 1.38 DFS 19 1 90 121 7.701 1.38 DFS 30 1 85 65 2.281 1.38 DFS 31 1 87 74 2.63 1.38 DFS 32 1 89 99 2.47 1.38 DFS 7 88 100 4.271 9.66	WH	Totals	2	91	86	3.754	2.76	5,02	19.5	100.3	3.13	98	503	223	70	36
DFS 18 1 85 94 .781 1.38 DFS 19 1 90 121 .701 1.38 DFS 30 1 85 65 .281 1.38 DFS 31 1 87 74 .263 1.38 DFS 32 1 89 99 .247 1.38 DFS Totals 7 88 100 4.271 9.66	DF S	15	1	88	98	1.124	1.38	_								
DF S	DF S	17	1	88	109	.875	1.38									
DFS 19 1 90 121 .701 1.38 DFS 30 1 85 65 .281 1.38 DFS 31 1 87 74 .263 1.38 DFS 32 1 89 99 .247 1.38 DFS Totals 7 88 100 4.271 9.66	DF S	18	1	85	94	.781	1.38									
DFS 30 1 85 65 281 1.38 DFS 31 1 87 74 2.63 1.38 DFS 32 1 89 99 2.47 1.38 DFS Totals 7 88 100 4.271 9.66	DF S	19	1	90	121	.701	1.38									
DFS 31 1 87 74 2.63 1.38 DFS 32 1 89 99 2.47 1.38 DFS Totals 7 88 100 4.271 9.66	DF S	30	1	85	65	.281	1.38									
DFS 32 1 89 99 .247 1.38 DFS Totals 7 88 100 4.271 9.66	DF S	31	1	87	74	.263	1.38									
	DF S	32	1	89	99	.247	1.38									
Totals 135 88 135 64.722 186.21 172.60 55.3 284.2 270.47 9,539 49,046 19,203 6,772 3,482	DF S	Totals	7	88	100	4.271	9.66						~			
	Totals		135	88	135	64.722	186.21	172.60	55.3	284.2	270.47	9,539	49,046	19,203	6,772	3,482

 TC
 PLOGSTVB
 Log Stock Table - MBF

 TT4N RR6W S23 Ty00MC
 71.00
 Project: RUNDUO Date 5/7/2024 Time 2:32:45PM

		24 27 28 30 31 32 34 36 38 40	2,951 1 2 3 1 2 1 1 2 1 2 2 2	Def Net % MBF 2,944 1 2 3 1 2 1 1 2 3 3 5 1 3 5 3 5 3 5 3 5 3 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	.0 .0 .1 .0 .1 .0	2-3	4-5	1 1 1 2 2 2 2	1 2 2 1 1 1 1	caling Di		r in Inche 14-15 392	16-19 989	947	24-29	30-39	25+ 304
DF T DF DF DF DF DF DF DF DF DF DF DF DF DF	rt de 2M 3M 3M 3M 3M 3M 3M 3M 3M 3M 3M 3M 3M 3M 4M 4M 4M 4M	24 27 28 30 31 32 34 36 38 40 12	2,951 1 2 3 1 2 1 1 2 3 5 2 1 2 3 5 2 1 2 3 5 2 1 2 3 5 2 1 2 3 5 2 2 3 5 2 2 3 5 2 2 3 5 2 3 5 2 6 6 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8	% MBF 2,944 1 2 3 1 2 1 1 2 2 2	87.4 .0 .0 .1 .0 .1 .0		4-5	1 1 1 2	1 2 2 1	10-11 1			_			30-39	
DF DF DF DF DF DF DF DF DF DF	3M 3M 3M 3M 3M 3M 3M 3M 3M 4M	24 27 28 30 31 32 34 36 38 40	1 2 3 1 1 2 1 1 2 2 2 3 3 5 2	1 2 3 1 2 1 1 2 2	.0 .0 .1 .0 .1 .0			1 1	2 2 1 1		230	392	989	947	386		304
DF DF DF DF DF DF DF DF DF	3M 3M 3M 3M 3M 3M 3M 3M 3M 4M	27 28 30 31 32 34 36 38 40	2 3 1 2 1 1 2 2 2 352	2 3 1 2 1 1 2 2	.0 .1 .0 .1 .0 .0			1 1	2 2 1 1		•						
DF DF DF DF DF DF DF DF DF	3M 3M 3M 3M 3M 3M 3M 4M	28 30 31 32 34 36 38 40	3 1 2 1 1 2 2 2 352	3 1 2 1 1 2 2	.1 .0 .1 .0 .0			1 1	1								
DF DF DF DF DF DF DF	3M 3M 3M 3M 3M 3M 3M 4M	30 31 32 34 36 38 40	1 2 1 1 2 2 2 352		.0 .1 .0 .0			1 1	1 1								
DF DF DF DF DF DF	3M 3M 3M 3M 3M 3M	31 32 34 36 38 40	2 1 1 2 2 2 352		.1 .0 .0 .1			2	1								
DF DF DF DF DF	3M 3M 3M 3M 3M 4M	32 34 36 38 40	1 2 2 352		.0 .0 .1 .1			2	1								
DF DF DF DF	3M 3M 3M 3M 4M 4M	34 36 38 40	1 2 2 352		.0 .1 .1												
DF DF DF	3M 3M 3M 4M 4M	36 38 40	2 2 352		.1				1								
DF DF	3M 3M 4M 4M	38 40 12	352		.1									1		ŀ	
DF DF	3M 4M 4M	12	352					2									
DF	4M 4M	12		352	10.4			i									
	4M		1					59	113	180							
DF		13		1	.0			1									
	4M		2	2	.1			2									
DF		14	2	2	.0			2		•							
DF	4M	15	3	3	.1			2	1								
DF	4M	16	3	3	.1			3									
DF	4M	17	2	2	.1			1	1								
DF	4M	18	2	2	.0			2									
DF	4M	19	3	3	.1			3									
DF	4M	20	3	3	.1			2	I					İ			
DF	4M	21	5	5	.1			2	3								
DF	4M	22	6	6	.2			6									
DF	4M	23	2	2	.1			2									
DF	4M	24	2	2	.1			2									
DF	4M	25	1	11	.0			1	1								
DF	4M	26	6	6	.2			5	2								
DF	4M	27		5				1									
DF DF	4M 4M	28 29	1	1	.0 .1			4									
DF	4M 4M	31	2	2	.0			2									
DF	4M	32	2	2	.1			2									
DF	4M	33	2	2	.1			2									
DF	4M	37	2	2	.1			2									
DF	Totals		3,376	3,369	96.7			116	129	180	230	392	989	947	386		304
RC	2M	40	31	31	40.0						19		12				
RC	3M	40	42	42	54.3			27	11	4							

TC	PLO	GSTVB					Log S	Stock '	Гable -	MBF									
TT4	N RI	R6W S23 T	у00МС)	71.00		Proje Acre		RUI	NDUO 71	.00					Page Date Time		2 /2024 32:45P	M
	s	So Gr	Log	Gross	Def	Net	%]	let Volu	ne by S	caling I	Diamete	r in Inch	es				
Spp	Т	rt de	Len	MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	25+
RC	Ì	4M	13		2	2	3.2			2	•								
RC	ı	4M	16		1	1	.9			1									
RC		4M	23		1	1	1.6			1									
RC		Totals	i	,	78	78	2.2			31	11	4	19		12				
WH		2M	40		16	16	45.2				_			16					
WH		3M	40		5	5	15.1				5								
WH		4M	16		1	1	2.5			1									
WH		4M	39	:	13	13	37.2			13									
WH		Totals			36	36	1.0			14	5			16					
Total		All Specie	s	3,48	39	3,482	100.0			162	145	184	249	408	1001	947	386		304

TC PS1	TATS					OJECT OJECT	STATIS RUN	STICS IDUO			PAGE DATE	1 5/7/2024
ΓWP	RGE	SC	TRACT		ГҮРЕ	-	AC	RES	PLOTS	TREES	CuFt	BdFt
T4N	R6	13	00U2		00MC			20.00	9	32	S	W
						TREES		ESTIMATED TOTAL		ERCENT AMPLE		
		ī	PLOTS	TREES		PER PLOT		TREES		TREES		
TOTA			9	32	-	3.6		114335				
CRUI			9	32		3.6		571		5.6		
DBH	COUNT DREST NT NKS		ŕ	52								
100 /					STAI	ND SUMM	ARY					
		C A	MPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
			REES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUG	G FIR		27	24.6	29,9	141	21.9	120.0	29,769	29,011	5,963	5,96
	G FIR-S		2	1.5	33.5	50	1.5	8.9	561	561	140	
	MLOCK		3	2.5	31.2	119	2.4	13.3	2,357	2,312	500	50
TOT	AL		32	28.6	30.2	135	25.9	142.2	32,688	31,885	6,603	6,60
		3.1		OF 100 THE	VOLUME '			HE SAMPLE E		OF TREES BY	FO.	INIE DOD
CL	68.1		COEFF	0.50/	*		E TREES -		#	OF TREES RI		INF. POP.
SD: DOUG	1.0		VAR.% 58,1	S.E.% 11.4		OW 1,275	AVG 1,439	HIGH 1,602		5	10	
	G FIR-S		141.4	132.4		1,273	375	872				
	MLOCK		21.6	15.0		819	963	1,108				
TOTA			62.1	11.0		1,182	1,328	1,473		154	39	
CL	68.1		COEFF			SAMPLI	E TREES -	CF	#	OF TREES RI	EQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LO	OW	AVG	HIGH		5	10	
DOUG			50.2	9.8		260	289	317				
	G FIR-S		141.4	132.4		170	93	217 242				
TOTA	MLOCK		24.3 54.0	16.8 <i>9.5</i>		172 243	207 269	242 295		116	29	
				7.5								
	68.1 1.0		COEFF VAR.%	S.E.%	1.0	TREES/A	ACRE AVG	HIGH	# '	OF PLOTS RI 5	3Q. 10	INF, POP.
DOUG			54.4	19.2		20	25	29				
	G FIR-S		198.5	70.1		0	1	2				
WHE	MLOCK		157.3	55.5		1	3	4				
TOTA	AL		49.7	17.6		24	29	34		111	28	
CL	68.1		COEFF			BASAL A	AREA/ACI	RE	#	OF PLOTS RI	EQ.	INF. POP.
	1.0	,	VAR.%	S.E.%	LO	OW	AVG	HIGH		5	10	
DOUG			37.3	13.2		104	120	136				
	3 FIR-S		198.4	70.0		3	9	15				
WHEN TOTA	MLOCK		150.0 31.8	52.9 11.2		6 126	13 <i>142</i>	20 158		45	11	
101				11,2	-	٠,		150				
	68.1		COEFF			NET BF/		*****	# (OF PLOTS RI		INF. POP.
	1.0		VAR.%	S.E.%		OW	AVG	HIGH		5	10	
SD:			34.7 300.0	12.2 105.9	2	5,458	29,011 561	32,564 1,155				
SD: DOUG			300.0	103.9				1,155 3,544				
SD: DOUG DOUG	FIR-S					1.080	2 312					
SD: DOUG DOUG WHEN	FIR-S MLOCK		151.0	53.3		1,080 8. <i>410</i>	2,312 <i>31.885</i>			43	11	
SD: DOUG DOUG WHEN	FIR-S MLOCK AL		151.0 30.9			8,410	31,885	35,359				INTE DOP
DOUG DOUG WHEN TOTA	FIR-S MLOCK AL 68.1		151.0 30.9 COEFF	53.3 10.9	20	8,410 NET CU	<i>31,885</i> FT FT/ACI	35,359 RE	# (OF PLOTS RE	EQ.	INF. POP.
DOUG DOUG WHEN TOTA	68.1 1.0		151.0 30.9	53.3		8,410	31,885	35,359	# (EQ.	INF. POP.

TC PST	ATS				PROJECT PROJECT		STICS NDUO			PAGE DATE	2 5/7/2024
TWP	RGE	SC	TRACT	Т	YPE	A	CRES	PLOTS	TREES	CuFt	BdFt
T4N	R6	13	00U2	00	0MC		20.00	9	32	S	W
CL	68.1	-	COEFF		NET C	UFT FT/A	CRE		# OF PLOTS	REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
WHE	MLOCK		153.2	54.1	230	500	771				
TOTA	A L		32.1	11.3	5,855	6,603	7,352		46	12	5

TC	PSPC	STGR		$\mathbf{S}_{\mathbf{l}}$	pecies, S	ort Gra	de - Boa	rd F	oot V	olum	es (Pr	oject	()								•
TT	4N RR	.6W S13	Ту00МС	2	20.00		Project Acres	:	RU	NDU(Page Date Time		1 7/2024 34:42	1
			%						Perc	ent of h	let Boar	rd Foot	Volume					Avera	ige Log	g	Logs
	SS	So Gr	Net	Bd. Ft.	per Acre		Total	,		Log Sca	ıle Dia.			Log	ength		Ln	Dia	Bd	CF/	Per
Spp	T	rt ad	BdFt	Def%	Gross	Net	Net MBF		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Acre
DF DF DF	-	2M 3M 4M	91 7 2	2.8	27,226 2,093 450	26,468 2,093 450		529 42 9		81 100	22 19	78	12	2 28	8 27	100 90 33	40 38 28	9	593 114 40	2.86 0.96 0.54	44.7 18.4 11.1
DF	Totals		91	2.5	29,769	29,011		580		7	21	71	0	1	1	98	38	14	391	2.13	74.2
DF DF DF	S S S	CU 2M 3M	93 7		524 37	524 37		10 1		100		100		100		100	17 40 25	9 20 8	700 50	0.00 3.88 1.27	.7 .7 .7
DF	Totals		2	-	561	561		11		7		93		7		93	28	12	255	2.31	2.2
WH WH WH		CU 2M 3M 4M	92 5 3	2.0	2,188 107 62	2,143 107 62		43 2 1		100 100	25	75	17 36	64		83 100	6 36 40 22	27 18 11 7	485 180 32	0.00 2.64 1.90 0.68	2.2 4.4 .6 1.9
WH	Total	s	7	1.9	2,357	2,312		46		7	23	70	17	2		81	26	17	254	2.08	9.1
Total	ls			2.5	32,688	31,885		638		7	21	72	1	1	1	97	36	15	373	2.13	85.5

тс	PSTNDSU	ſΜ					Stand 7	Table S	ummary				Page Date:	1 5/7/202	4
TT4N	RR6W S	13 Ty00MC	2	20.	00		Project Acres	R	RUNDUO 20.0	0			Time: Grown Year:	2:34:4	3PM
S Spc T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Net Cu.Ft.	e Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Totals Cunits	MBF
DF	22	1	86	119	1.684	4.44	5.05	36.9	160.0	5.32	187	808	106	37	16
DF	23	1	87	126	1.540	4.44	4.62	42.6	193.3	5.61	197	893	112	39	18
DF	24	1	88	131	1.415	4.44	4.24	48.5	210.0	5.87	206	891	117	41	18
DF	25	1	87	149	1.304	4.44	3.91	58.1	276.7	6.48	227	1,082	130	45	22
DF	26	3	87	142	3.616	13.33	10.85	59.1	267.8	18.27	641	2,905	365	128	58
DF	27	1	86	123	1.118	4.44	3.35	56.7	243.3	5.41	190	816	108	38	16
DF	28	1	88	140	1.039	4.44	3.12	70.3	350.0	6.25	219	1,091	125	44	22
DF	29	2	88	151	1.938	8.89	5.81	78.6	388.3	13.02	457	2,258	260	91	45
DF	30	3	87	147	2.716	13.33	8.15	81.1	387.8	18.84	661	3,160	377	132	63
DF	31	1	88	148	.848	4.44	2.54	88.9	443.3	6.44	226	1,128	129	45	23
DF	32	4	87	143	3.183	17.78	9.55	92.0	451.7	25.05	879	4,313	501	176	86
DF	34	1	88	144	.705	4.44	2.11	106.3	540.0	6.41	225	1,142	128	45	23
DF	35	1	86	148	.665	4.44	2.00	113.4	553.3	6.45	226	1,104	129	45	22
DF	37	1	86	149	.595	4.44	1.79	125.5	603.3	6.39	224	1,077	128	45	22
DF	40	1	89	155	.509	4.44	1.53	156.9	803.3	6.83	240	1,227	137	48	25
DF	41	1	85	160	.485	4.44	1.45	163.6	813.3	6.78	238	1,183	136	48	24
DF	42	1	87	140	.462	4.44	1.39	155.0	803.3	6.12	215	1,113	122	43	22
DF	44	1	87	152	.421	4.44	1.26	188.8	1016.7	6.80	238	1,284	136	48	26
DF	47	1	88	177	.369	4.44	1.48	181.6	1040.0	7.64	268	1,535	153	54	31
DF	Totals	27	87	141	24.612	120.00	74.21	80.4	391.0	169,95	5,963	29,011	3,399	1,193	580
WH	27	l	86	120	1.118	4.44	3.35	61.1	260.0	6.56	205	872	131	41	17
WH	32	1	82	125	.796	4.44	2.39	57.6	306.7	4.40	138	732	88	28	15
WH	37	1	85	107	.595	4.44	1.19	132.5	595.0	5,05	158	708	101	32	14

WH

DF S

DF S

DF S

Totals

Totals

33

34

Totals

84 119

50

86 135

87 78

37 20

63

3

1

1

2

32

2.509

.748

.705

1.453

28.574

13.33

4.44

4.44

8.89

142.22

6.93

1.50

1.50

82.63

72.2

93.5

93.5

79.9

333.6

375.0

375.0

385.9

16.01

3.99

3.99

189.95

500

140

140

6,603

2,312

561

561

31,885

320

80

80

3,799

100

28

28

1,321

46

11

11

638

TC PLOGSTVB

Log Stock Table - MBF

TT4N RR6W \$13 Ty00MC 20.00

Project: RUNDUO Date 5/7/2024
Acres 20.00

S So Gr Log Gross Def Net % Net Volume by Scaling Diameter in Inches

	s	So Gr	Lo)g	Gross	Def	Net	%		1	Net Volu	me by S	Scaling Di	amete	r in Inche	es				
Spp	Т		L		MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	1	2-13	14-15	16-19	20-23	24-29	30-39	25+
DF		2N	1	40	545	2.8	529	91.2						26	29	168	174	102		110
DF		3N	1	25	1		1	.1					1							
DF		3N	1	33	1		1	.2			1									
DF		3N	1	34	2		2	.4			1		1				ļ			
DF		3N	1	36	1		1	.2			1									
DF		3N	1	37	2		2	.4			1	1								
DF		3M	1	40	34		34	5.9			3	14	10	8						
DF		4M	1	15	1		1	.1			1									
DF		4M	1	20	0		0	.1			0									
DF		4M	1	22	1		1	.2			1		1				ļ			
DF		4M	1	26	1		1	.1			1									
DF		4M	1	27	1		1	.1			1									
DF		4M	1	34	1		1	.2			1									
DF		4M	ſ	35	1		1	.2			1									
DF		4M	1	38	1		1	.2			1									
DF		4M	ſ	40	2		2	.3				2								
DF		Totals	8		595	2.5	580	91.0			15	17	12	34	29	168	174	102		110
DF	s	2M	ſ	40	10		10	93.3									10			
DF	S	3M	[25	I		1	6.7				1								
DF		Totals	5		11		11.	1.8				1					10			
WH		2M	[20	7		7	16.2									7			
WH	ĺ	2M	Í	40	36	2.5	35	76.5						4		19		12		
WH		3M	[40	2		2	4.6					2							
WH	ſ	4M	I	19	0		0	1.0			0									
WH		4M	[27	1		1	1.7				1								
WH		Totals			47	1.9	46	7.3			0	1	2	4		19	7	12		
Total		All Specie	s		654	2.5	638	100.0			15	18	14	38	29	187	192	114		110

Volume Summary

(Shown in MBF)

Run Duo

FG-341-2025-W01020-01

May 2023

UNIT 1: MC (71 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
	Cruise Volume	2,944	366	59	3,369
Douglas-fir	Hidden D&B (2%)	(59)	(7)	(1)	(67)
Douglas-III	NET TOTAL	2,885	359	58	3,302
	% of Total	87	11	2	
	Cruise Volume	16	5	14	35
Western	Hidden D&B (2%)	(0)	(0)	(0)	(0)
hemlock	NET TOTAL	16	5	14	35
	% of Total	46	14	40	
	Cruise Volume	31	42	4	77
Western	Hidden D&B (2%)	(1)	(1)	(0)	(2)
redcedar	NET TOTAL	30	41	4	75
	% of Total	40	55	5	

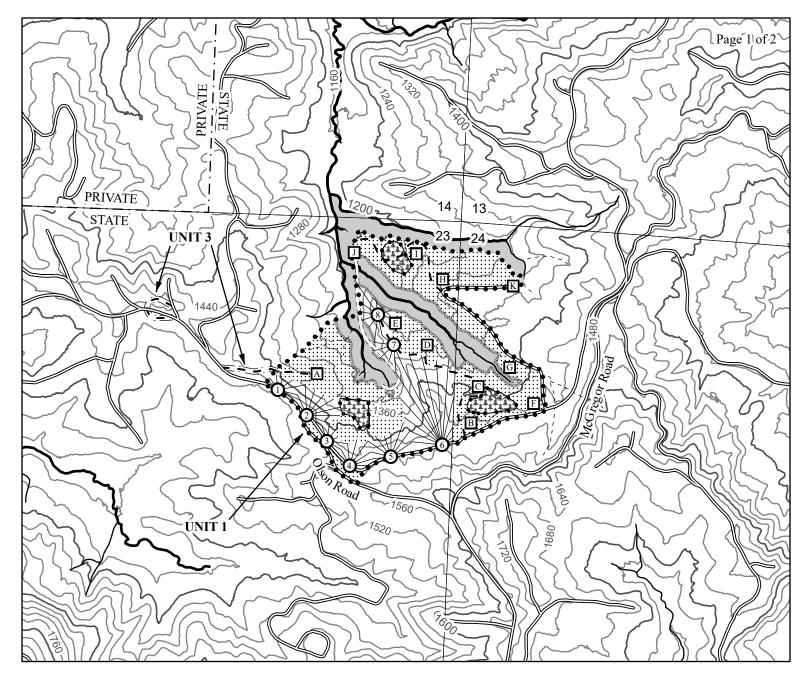
UNIT 2: MC (20 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
	Cruise Volume	529	42	9	580
Douglas-fir	Hidden D&B (2%)	(11)	(1)	(0)	(12)
Douglas-III	NET TOTAL	518	41	9	568
	% of Total	91	7	2	
	Cruise Volume	43	2	1	46
Western	Hidden D&B (2%)	(1)	(0)	(0)	(1)
hemlock	NET TOTAL	42	2	1	45
	% of Total	93	5	2	

UNIT 3: R/W (1 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
	Cruise Volume	0	22	3	25
Douglas fir	Hidden D&B (2%)	(0)	(0)	(0)	(0)
Douglas-fir	NET TOTAL	0	22	3	25
	% of Total	0	88	12	

SALE TOTAL				
SPECIES	2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	3,403	422	70	3,895
Western hemlock	58	7	15	80
Western redcedar	30	41	4	75
TOTAL	3,491	470	89	4,050



Legend

• • • Timber Sale Boundary

Posted Stream Buffer Boundary

L ... ODF Ownership Boundary

Posted Reserve Tree Area Boundary

= : = Right-of-Way Boundary

Surfaced Road

= = = = Unsurfaced Road

New Road Construction

Type-F Stream

Type-N Stream - Perennial

--- Type-N Stream - Seasonal

Stream Buffer

Cable Yarding Area

..... Tractor Yarding Area

Cable Landing

Tractor Landing

Green Tree Retention Area

Section Lines

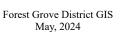
40 Foot Contour Band

200 Foot Contour Band

LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2025-W01020-01
RUN DUO
PORTIONS OF SECTIONS 12 13 14 23 & 24 T4N R6W W M

PORTIONS OF SECTIONS 12, 13, 14, 23 & 24, T4N, R6W, W.M., CLATSOP COUNTY, OREGON



This product is for informational use and may not be suitable for legal, engineering, or surveying purposes.

1:12,000

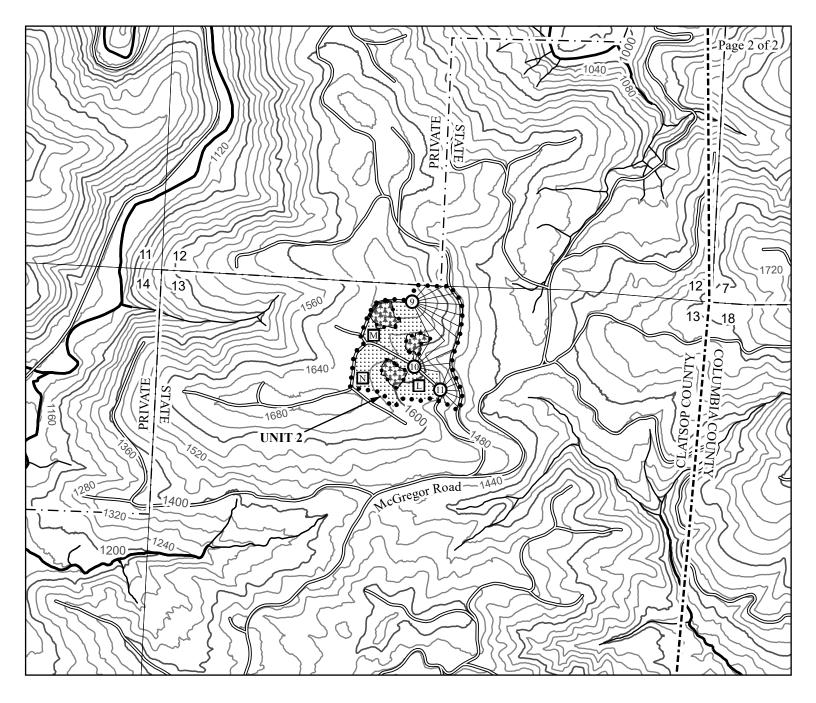
1 inch = 1,000 feet

0	500	1,000	2,000
			Feet



APROXIMATE NET ACRES

	TRACTOR	CABLE
UNIT 1 UNIT 2 UNIT 3	47 11 (R/W) 1	24 9 0
TOTAL	59	33



Legend

• • • Timber Sale Boundary

ODF Ownership Boundary

• • • Posted Reserve Tree Area Boundary

Surfaced Road

Type-F Stream

Type-N Stream - Perennial

Cable Yarding Area

:::::: Tractor Yarding Area

O Cable Landing

Tractor Landing

Green Tree Retention Area

County Line

Section Lines

40 Foot Contour Band

— 200 Foot Contour Band

LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2025-W01020-01 RUN DUO PORTIONS OF SECTIONS 12, 13, 14, 23 & 24, T4N, R6W, W.M., CLATSOP COUNTY, OREGON

Forest Grove District GIS May, 2024

This product is for informational use and may not be suitable for legal, engineering, or surveying purposes.

1:12,000

1 inch = 1,000 feet

0	500	1,000	2,000
			Feet



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